

	A	B	C	D	E	F	G	H	I	J	K	L
1	MFR Name	MFR Code	Process Code	EPA Submission Status	Report Timestamp	Last Modified Timestamp	EPA Compliance Report ID	Compliance Report Type	EPA Compliance Report Name	Make	Models	Affected Displacements
2	Audi	ADX	New Submission	Submitted	5/4/2018 9:28:09		ADX-DR-2018-0000086	Defect Report	DR - Catalyst System	Audi	A6 QUATTRO	
3	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/3/2018 15:11:19		VGA-DR-2018-0000080	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	CC	
4	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:20:15	5/2/2018 11:18:42	TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 4WD	
5	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:23:24	4/30/2018 14:42:13	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 2WD	
6	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:23:24	4/30/2018 14:42:13	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 2WD	
7	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:23:24	4/30/2018 14:42:13	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 4WD	
8	BMW	BMX	New Submission	Submitted	5/8/2018 11:03:53		BMX-DR-2018-0000057	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	13 (94Ah) with Range Extender	
9	Kia Motors Corporation	KMX	New Submission	Superseded	4/25/2018 15:14:13	9/20/2018 9:57:55	KMX-DR-2018-0000059	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
10	Kia Motors Corporation	KMX	New Submission	Superseded	4/25/2018 15:14:13	9/20/2018 9:57:55	KMX-DR-2018-0000059	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
11	Toyota Motor Corporation	TYX	Correction	Submitted	5/2/2018 11:18:41		TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 4WD	
12	Toyota Motor Corporation	TYX	Correction	Submitted	5/2/2018 11:18:41		TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 2WD	
13	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 Limited AWD/SE AWD	
14	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	GS 460	
15	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER AWD	
16	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY LE/SE	
17	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	4RUNNER 2WD	
18	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	SEQUOIA 2WD	
19	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER AWD LE	
20	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RC 350	
21	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TUNDRA 4WD	
22	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	NX 300	
23	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	NX 300 AWD F SPORT	
24	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	COROLLA	
25	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	4RUNNER 4WD	
26	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 LE/XLE	
27	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY	
28	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	LS 500	
29	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	COROLLA IM	
30	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	ES 350	
31	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4	
32	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TUNDRA 2WD	
33	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER HYBRID AWD LE Plus	
34	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	NX 300 AWD F SPORT	
35	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	4RUNNER 2WD	
36	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RX 350 L	
37	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RX 350	
38	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	YARIS iA	
39	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	SEQUOIA 4WD	
40	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TACOMA 4WD	
41	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	C-HR	

	M	N	O	P
1	Affected Transmissions	Test group	Model Year	Defect Category
2		AADXV04.2365	2010	Catalyst System
3		PVGAV02.0VPE	2015	Air Inlet System (including Turbo and Superchargers)
4		ETYXT04.0BEM	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5		CTYXT04.0BEM	2012	On-Board Diagnostic (OBD) System
6		DTYXT04.0BEM	2013	On-Board Diagnostic (OBD) System
7		CTYXT04.0BEM	2012	On-Board Diagnostic (OBD) System
8		JBMXV00.613R	2018	On-Board Diagnostic (OBD) System
9		HKMXV03.34KF	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
10		JKMXV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
11		DTYXT04.0BEM	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
12		CTYXT04.0BEM	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
13		JTYXT02.5B6H	2018	Emission Control Information Label
14		JTYXT04.6B6X	2018	Emission Control Information Label
15		JTYXT03.5M5M	2018	Emission Control Information Label
16		JTYXV02.5P3A	2018	Emission Control Information Label
17		JTYXT04.0B65	2018	Emission Control Information Label
18		JTYXT05.7M5W	2018	Emission Control Information Label
19		JTYXT03.5M5M	2018	Emission Control Information Label
20		JTYXV03.5M5A	2018	Emission Control Information Label
21		JTYXT04.6B6W	2018	Emission Control Information Label
22		JTYXT02.0K6M	2018	Emission Control Information Label
23		JTYXT02.0K6M	2018	Emission Control Information Label
24		JTYXV01.8B6A	2018	Emission Control Information Label
25		JTYXT04.0B65	2018	Emission Control Information Label
26		JTYXT02.5B6H	2018	Emission Control Information Label
27		JTYXV03.5M5B	2018	Emission Control Information Label
28		JTYXV03.5K6A	2018	Emission Control Information Label
29		JTYXV01.9K45B	2018	Emission Control Information Label
30		JTYXV03.5B6C	2018	Emission Control Information Label
31		JTYXT02.5B6H	2018	Emission Control Information Label
32		JTYXT05.7M5W	2018	Emission Control Information Label
33		JTYXT03.5P3S	2018	Emission Control Information Label
34		JTYXT02.0K6M	2018	Emission Control Information Label
35		JTYXT04.0B65	2018	Emission Control Information Label
36		JTYXT03.5M5M	2018	Emission Control Information Label
37		JTYXT03.5M5M	2018	Emission Control Information Label
38		JTYXV01.5P6A	2018	Emission Control Information Label
39		JTYXT05.7M5W	2018	Emission Control Information Label
40		JTYXT02.7M5P	2018	Emission Control Information Label
41		JTYXV02.0K6B	2018	Emission Control Information Label

	Defect Description	R Defect Prod Start Date	S Defect Prod End Date	T Potential Number Affected	U Actual Number Affected
1	<p>Production Part Number (with 80g precious metal load):</p> <p>2007_A6/A8 - 079.252.019 HK / 020HX, 079.253.019 FX / 020HX 2008_S5 - 8K0.254.250 MXJ & 200CXJ 2008_A6/A8 - 079.252.019 HK / 020HX 2009-10_S5 - 8K0.254.250 MX & 200CX 2009-10_A6 - 079.252.019 HK / 020HX 2011_A6 - 079.252.019 HK / 020HX</p> <p>Improved Part Numbers:</p> <p>2007-08_A8 - 079.253.019 J & 079.253.020 J 2007-11_A6 - 079.253.019 J & 079.253.020 J 2008-10_S5 - 8K0.254.252 E & 8K0.254.200 L</p> <p>During IUVF emissions testing, test group *ADXXV04.2365 (MY 2007 - 2011) showed HC and NOx values over the standards.</p> <p>Parts Analysis:</p> <p>Tested catalytic converters with precious metal loading of 80g /ft3 wash coat were showing phosphor film at the front zone area. At higher mileage, and in particular during a cold start and warm up phase, this may influence catalyst ?light off?? characteristics which may lead to increased HC and NOx levels in excess of standards. Oxygen storage capacity from the catalytic converter is not noticeably reduced.</p> <p>System analysis:</p> <p>Test results have shown that certain conditions may lead to an increase in emissions at higher mileages. This may occur along with high functional stress due to negative load cycling along with coating quality variation.</p>				
2	Currently the *ADXXV04.2365 (MY 2007 - 2011) test groups are the only test groups verified to have potential NOx and HC levels that may exceed the standards.			3453	3453
3	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 ES Interim Part Number: 06J 133 201 BD Warranty Replacement Part Number: 06J 133 201 BH</p> <p>The following DTCs were observed:</p> <ul style="list-style-type: none">- P2015 Intake Manifold Runner Position Sensor Range/Performance- P0507 Idle Control System RPM Higher than Expected- P2187 System too lean at idle- P0300704 Misfire Detected <p>Part analysis reflects part number: 06J 133 185 ES</p> <ul style="list-style-type: none">- 28x Cracked/broken plastic rivet head- 1x Binding gear- 1x Vacuum valve stuck closed- 7x No Trouble Found <p>Failure Analysis:</p> <ul style="list-style-type: none">- Cracked/broken plastic rivet heads are caused by a quality issue at supplier.- Abnormal wear in cavity of production tool #2, causes the load-bearing surface to be under specifications, which may lead to cracking/breakage over time.				3445275
4	Some 2012 ? 2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit spark knock (detonation) during light acceleration and/or uphill in hot weather (80F or higher). The Engine Control module/ECM (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition occurring.			99000	99000
5	Some 2012 ? 2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit a MIL ?ON?? condition for the following Diagnostic Trouble Codes (DTCs): P015A - A/F Sensor Delayed Response - Rich to Lean Bank 1 Sensor 1; P015B - A/F Sensor Delayed Response - Lean to Rich Bank 1 Sensor 1; P015C - A/F Sensor Delayed Response - Rich to Lean Bank 2 Sensor 1; and P015D - A/F Sen			89000	89000
6	Some 2012 ? 2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit a MIL ?ON?? condition for the following Diagnostic Trouble Codes (DTCs): P015A - A/F Sensor Delayed Response - Rich to Lean Bank 1 Sensor 1; P015B - A/F Sensor Delayed Response - Lean to Rich Bank 1 Sensor 1; P015C - A/F Sensor Delayed Response - Rich to Lean Bank 2 Sensor 1; and P015D - A/F Sen			121000	121000
7	Some 2012 ? 2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit a MIL ?ON?? condition for the following Diagnostic Trouble Codes (DTCs): P015A - A/F Sensor Delayed Response - Rich to Lean Bank 1 Sensor 1; P015B - A/F Sensor Delayed Response - Lean to Rich Bank 1 Sensor 1; P015C - A/F Sensor Delayed Response - Rich to Lean Bank 2 Sensor 1; and P015D - A/F Sen			89000	89000
8	Internal analysis have shown that 13 Rex models (S446) with option fast charging alternate current produced between 11/2017 and 12/2017 are equipped with hardware UCU1 and LEB125 PK1. A wrong assignment of configuration parameter during software flash on DMCM (digital motor control module) disables OBD communica	10/31/2017	12/14/2017	180	180
9	Some 2017/2018 model year Cadenza's equipped with 3.3 liter (GDI) engines might experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0597/P0590/P0599(Thermostat Heater Control Circuit Open/Low/High) set. The main cause is electric short due to inner part crack (guide plug).			9707	767
10	Some 2017/2018 model year Cadenza's equipped with 3.3 liter (GDI) engines might experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0597/P0590/P0599(Thermostat Heater Control Circuit Open/Low/High) set. The main cause is electric short due to inner part crack (guide plug).			851	1
11	Some 2012 ? 2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit spark knock (detonation) during light acceleration and/or uphill in hot weather (80F or higher). The Engine Control module/ECM (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition occurring.			121000	121000
12	Some 2012 ? 2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit spark knock (detonation) during light acceleration and/or uphill in hot weather (80F or higher). The Engine Control module/ECM (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition occurring.			89000	89000
13	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			1311	1311
14	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			18	18
15	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			332	332
16	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			269	269
17	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			217	217
18	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			83	83
19	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			332	332
20	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			7	7
21	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			20	20
22	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			151	151
23	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			151	151
24	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			1367	1367
25	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			217	217
26	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			1311	1311
27	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			94	94
28	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			8	8
29	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			673	673
30	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			38	38
31	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			1311	1311
32	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			83	83
33	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			1	1
34	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			151	151
35	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			217	217
36	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			395	395
37	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			395	395
38	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			1744	1744
39	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			83	83
40	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			185	185
41	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			3051	3051

	A	B	C	D	E	F	G	H	I	J	K	L
42	Audi	ADX	New Submission	Submitted	5/11/2018 15:00:44		ADX-DR-2018-0000128	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R55 Cabriolet	
43	Audi	ADX	New Submission	Submitted	5/11/2018 15:00:44		ADX-DR-2018-0000128	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R55	
44	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/11/2018 15:04:48		VGA-DR-2018-0000129	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R55 Cabriolet	
45	PCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Cherokee 4x4	
46	PCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Cherokee 4x4	
47	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/10/2018 12:59:50		NSX-DR-2018-0000083	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50 AWD	2.0L
48	Hyundai Motor Company	HYX	New Submission	Superseded	5/14/2018 15:52:00	10/9/2018 11:22:34	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	
49	Hyundai Motor Company	HYX	New Submission	Superseded	5/14/2018 15:52:00	10/9/2018 11:22:34	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	3.3L Twin Turbo Genesis G90
50	Kia Motors Corporation	KMX	New Submission	Superseded	5/14/2018 16:18:36	9/19/2018 15:40:46	KMX-DR-2018-0000133	Defect Report	DR - Catalyst System	KIA	Stinger AWD	
51	Kia Motors Corporation	KMX	New Submission	Superseded	5/14/2018 16:18:36	9/19/2018 15:40:46	KMX-DR-2018-0000133	Defect Report	DR - Catalyst System	KIA	Stinger RWD	

	M	N	O	P
42		EADKV04.23UL	2014	On-Board Diagnostic (OBD) System
43		EADKV04.23UL	2014	On-Board Diagnostic (OBD) System
44		FVGAV04.2NLS	2015	On-Board Diagnostic (OBD) System
45		JCRX102.45PO	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
46		JCRX103.45PA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
47		GN5XV02.0NJA	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
48		JHYXV03.31MF	2018	Catalyst System
49		HHYXV03.31MF	2017	Catalyst System
50		JKMXV03.34Y6	2018	Catalyst System
51		JKMXV03.34Y6	2018	Catalyst System

	Q	R	S	T	U
	<p>Customer Complaint: MIL on Component: ECM Software Production Part Number: 8T2 907 560 F V0003 Warranty Replacement Part Number / Version: 8T2 907 560 F V0005 The following DTC was observed: - P130B (Low Fuel Pressure regulation, Fuel pressure outside specification) Analysis: Fuel pressure out of tolerance due to an incorrect pulse width signal from the ECU.</p>			1703	126
	<p>Customer Complaint: MIL on Component: ECM Software Production Part Number: 8T2 907 560 F V0003 Warranty Replacement Part Number / Version: 8T2 907 560 F V0005 The following DTC was observed: - P130B (Low Fuel Pressure regulation, Fuel pressure outside specification) Analysis: Fuel pressure out of tolerance due to an incorrect pulse width signal from the ECU.</p>			1703	126
	<p>Customer Complaint: MIL on Component: ECM Software Production Part Number: 8T2 907 560 F V0003 Warranty Replacement Part Number / Version: 8T2 907 560 F V0005 The following DTC was observed: - P130B (Low Fuel Pressure regulation, Fuel pressure outside specification) Analysis: Fuel pressure out of tolerance due to an incorrect pulse width signal from the ECU.</p>			1044	37
	45. Some 2018 MY Jeep Cherokee vehicles may have fuel tubes that were torn or have partial material loss along the tube which can result in a fuel leak and subsequent engine compartment fire. This was caused by the urethane nesting blocks, which are used to align the tube and connector during the connector insertion process. Some nesting blocks were worn resulting in a potential mi			681	681
	46. Some 2018 MY Jeep Cherokee vehicles may have fuel tubes that were torn or have partial material loss along the tube which can result in a fuel leak and subsequent engine compartment fire. This was caused by the urethane nesting blocks, which are used to align the tube and connector during the connector insertion process. Some nesting blocks were worn resulting in a potential mi			30213	30213
	47. On some 2016-2018 Infiniti Q50 and Q60 vehicles (2.0L engine), a small amount of fuel may seep from the low-pressure fuel hose. Repeated heat stress may be causing deterioration of the hose which may also result in a loss of flexibility. This loss of flexibility may result in slight fuel seepage only upon cold startup.	10/16/2015	7/31/2016	6856	30
	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3 T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			1082	0
	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3 T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			2481	0
	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3 T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Kia has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Kia is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			10403	0
	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3 T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Kia has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Kia is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			10403	0

	A	B	C	D	E	F	G	H	I	J	K	L
52	Kia Motors Corporation	KMX	New Submission	Superseded	5/14/2018 16:18:36	9/19/2018 15:40:46	KMX-DR-2018-0000133	Defect Report	DR - Catalyst System	KIA	Stinger	
53	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 3:43:15		MBX-DR-2018-0000139	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
54	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:23:24	4/30/2018 14:42:13	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 4WD	
55	Volvo Car USA, LLC	VVX	Correction	Submitted	5/24/2018 13:22:13		VVX-DR-2018-0000105	Defect Report	DR - Hybrid Vehicle System	Volvo	XC90 AWD	
56	Volvo Car USA, LLC	VVX	Correction	Superseded	5/8/2018 14:18:11	5/24/2018 13:22:14	VVX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
57	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY	
58	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY HYBRID XLE/SE	
59	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY XSE	
60	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	C15 SIERRA 2WD	
61	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
62	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System	Chevrolet	C15 SILVERADO 2WD	
63	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
64	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
65	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:34:44		MBX-DR-2018-0000119	Defect Report	DR - On-Board Diagnostic (OBD) System			
66	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
67	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
68	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/11/2018 9:42:07		VGA-DR-2018-0000123	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R8	

	Q	R	S	T	U
	Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3 T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.				
52	Kia has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Kia is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.			10403	0
53	DAG has determined that insufficient robustness with regard to vibration and thermal shock could lead to electrical failures of the exhaust gas temperature sensor. As a result the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated. The failure of the sensor is due to several causes. Therefore, there is no specific systematic error.			5465	203
54	Some 2012-2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit a MIL ?0K?? condition for the following Diagnostic Trouble Codes (DTCs): P015A - A/F Sensor Delayed Response - Rich to Lean Bank 1 Sensor 1; P015B - A/F Sensor Delayed Response - Lean to Rich Bank 1 Sensor 1; P015C - A/F Sensor Delayed Response - Rich to Lean Bank 2 Sensor 1; and P015D - A/F Sen			99000	99000
	Electric Rear Axle Drive (ERAD) consists of an electric motor combined with a fixed gear transmission and clutch. The electric motor is a water-cooled 3-phase AC synchronous motor for pure electric or hybrid operation, which drives the rear wheels.				
	In addition, the ERAD provides regenerative braking capability that is used to charge the high-voltage battery. A clutch is used to disconnect the electric motor from the transmission, consisting of a worm gear connected to a dog clutch.				
	The defect is confined to the dog clutch that may not allow proper engagement of the electric motor to the transmission.				
55		4/6/2015	4/18/2016	2230	2230
	Electric Rear Axle Drive (ERAD): The ERAD consists of an electric motor combined with a fixed gear transmission and clutch. The electric motor is a water-cooled 3-phase AC synchronous motor for pure electric or hybrid operation which drives the rear wheels. In addition the ERAD provides regenerative braking capability which is used to charge the high-voltage battery. A clutch is used to disconnect the electric motor from the transmission, consisting of a worm gear connected to a dog clutch.				
56	The defect is confined to the dog clutch hardware which may not allow proper engagement of the electric motor to the transmission.	4/18/2016	4/24/2017	2526	30
57	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			269	269
58	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			11	11
59	Monroney labels on certain model vehicles in Puerto Rico provide incorrect values for fuel economy estimates, as well as incorrect QR code link for model information.			94	94
60	One manufacturing lot of capacitors used in the shift solenoid control circuits of the Transmission Control Module (TCM) was not properly processed during manufacturing. Certain capacitors may be susceptible to a degradation early in the vehicle life that can cause variation in shift solenoid pressure.			132478	24
61	One manufacturing lot of capacitors used in the shift solenoid control circuits of the Transmission Control Module (TCM) was not properly processed during manufacturing. Certain capacitors may be susceptible to a degradation early in the vehicle life that can cause variation in shift solenoid pressure.			132478	24
62	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			1680	12
63	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			37728	260
64	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			5359	8
65	Daimler AG has determined that on certain E- and G-Class as well as ML, GL and GLS vehicles (212, 463, 166, 218 platforms) with 6-cylinder gasoline engine M157 the software in the engine control module may not meet the internal specifications. In this case, OBD-relevant fault codes of the fuel temperature sensor and pressure sensor for the tank leak diagnosis that are stored in the fuel			607	0
	Daimler AG has determined that the soot particulate sensor could fail due to the following root causes: Root Cause A: Particles on the sensor element resulting from the manufacturing process. Root Cause B: Flaking of the electrode due to insufficient evaporation of humidity inside the sensor element. Both root causes lead to an electrical failure of the soot particulate sensor. In case of failure the Malfunction Indicator Lamp (MIL) is illuminated.			1845	324
66					
	Daimler AG has determined that the soot particulate sensor could fail due to the following root causes: Root Cause A: Particles on the sensor element resulting from the manufacturing process. Root Cause B: Flaking of the electrode due to insufficient evaporation of humidity inside the sensor element. Both root causes lead to an electrical failure of the soot particulate sensor. In case of failure the Malfunction Indicator Lamp (MIL) is illuminated.			7719	819
67	Component: Transmission Control Module Software / Version: MY15: 420927155G/J/L MY16-18: 420927155A/C/E/G/L/N/Q Analysis: Due to software error, certain DTCs for TCM could not be erased from SCAN Tool Mode\$0A for Model Year 2015 through 2018 Audi R8 4.2L and R8 5.2L automatic transmission vehicles Possible DTCs observed: P2845 (Shift Fork "A" Position Sensor Incorrect Neutral Position Indicated) P2846 (Shift Fork "B" Position Sensor Incorrect Neutral Position Indicated) P2847 (Shift Fork "C" Position Sensor Incorrect Neutral Position Indicated) P2848 (Shift Fork "D" Position Sensor Incorrect Neutral Position Indicated) P073F (Unable to Engage Gear 1) P074A (Unable to Engage Gear 2) P074B (Unable to Engage Gear 3) P074C (Unable to Engage Gear 4) P074D (Unable to Engage Gear 5) P074E (Unable to Engage Gear 6) P074F (Unable to Engage Gear 7) P073E (Unable to Engage Reverse) P072C (Stuck in Gear 1) P072D (Stuck in Gear 2) P072E (Stuck in Gear 3) P072F (Stuck in Gear 4) P073A (Stuck in Gear 5) P073B (Stuck in Gear 6) P073C (Stuck in Gear 7)				
68				253	253

	A	B	C	D	E	F	G	H	I	J	K	L
69	Audi	ADX	New Submission	Submitted	5/11/2018 10:06:46		ADX-DR-2018-0000124	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A8	
70	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/11/2018 13:52:51		VGA-DR-2018-0000126	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A3 e-tron	
71	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/1/2018 15:51:21		VGA-DR-2018-0000173	Defect Report	DR - Emission Control Information Label	Volkswagen	Atlas	
72	Hyundai Motor Company	HYX	New Submission	Superseded	6/1/2018 15:54:25	6/7/2018 15:02:01	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
73	Hyundai Motor Company	HYX	New Submission	Superseded	6/1/2018 15:54:25	6/7/2018 15:02:01	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
74	American Honda Motor Co., Inc.	HMQ	New Submission	Submitted	6/1/2018 16:29:17		HYX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	ACCORD	2.4
75	Hyundai Motor Company	HYX	Correction	Superseded	6/7/2018 15:02:01	6/7/2018 16:59:06	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
76	Hyundai Motor Company	HYX	Correction	Superseded	6/7/2018 15:02:01	6/7/2018 16:59:06	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
77	Hyundai Motor Company	HYX	Correction	Superseded	6/7/2018 15:02:01	6/7/2018 16:59:06	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
78	Kia Motors Corporation	KMX	New Submission	Superseded	6/7/2018 15:30:51	9/19/2018 15:24:13	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
79	Kia Motors Corporation	KMX	New Submission	Superseded	6/7/2018 15:30:51	9/19/2018 15:24:13	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
80	Hyundai Motor Company	HYX	Correction	Superseded	6/7/2018 16:59:05	7/9/2018 17:04:33	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
81	Hyundai Motor Company	HYX	Correction	Superseded	6/7/2018 16:59:05	7/5/2018 17:04:33	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
82	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta	

	M	N	O	P
69		EADKV04.2375	2014	On-Board Diagnostic (OBD) System
70		GVGAV01.4V38	2016	On-Board Diagnostic (OBD) System
71		JVGAT03.6VAS	2018	Emission Control Information Label
72		FHYXV01.61CE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
73		EHYXV01.61CE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
74		DHXSX02.4F83	2013	Emission Control Information Label
75		EHYXV01.61CE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
76		FHYXV01.61CE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
77		CHYXV01.6RWS	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
78		FKMXV01.6DBE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
79		HKMXV01.6DBF	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
80		CHYXV01.6RW5	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
81		FHYXV01.61CE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
82		DVWXV02.03PA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)

	M	N	O	P
83		EJLXT05.0003	2014	Catalyst System
84		DJCKV02.0FTN	2013	Catalyst System
85		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
86		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
87		JCRXT02.45P3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
88		JCRXT02.45P4	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
89		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
90 Automatic		FPRXT03.0CDD	2013	Exhaust Gas Recirculation (EGR) System
91 Automatic		DPRXT03.0CDD	2013	Exhaust Gas Recirculation (EGR) System
92		JGMXV02.5050	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
93		JGMXT02.5200	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
94		JGMXT02.5200	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
95 Automatic		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
96 Automatic and Manual		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
97 Automatic		FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
98 Automatic and Manual		FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
99 Automatic and Manual		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
100 Automatic		FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
101 Automatic and Manual		FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
83	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).			15953	16
84	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).			3405	119
85	The part number 13337643956 relates to the component injection valve. Analysis have shown, that the component has been replaced in about 65% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant par	2/28/2013	6/29/2014	15264	3588
86	The part number 13337643956 relates to the component injection valve. Analysis have shown, that the component has been replaced in about 65% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant par	2/28/2013	6/29/2014	15264	3588
87	Some 2018 MY Jeep® Renegade and Jeep® Cherokee equipped with a 2.4L engine (sales code ED6 or ED8), Fiat 500X equipped with a 2.4L engine (sales code ED8), and Jeep® Compass equipped with a 2.4L engine (sales code ED6, ED8, or EDE) vehicles may experience a Malfunction Indicator Lamp (MIL) illumination, P2226 baromet	12/15/2017	12/29/2017	8	0
88	Some 2018 MY Jeep® Renegade and Jeep® Cherokee equipped with a 2.4L engine (sales code ED6 or ED8), Fiat 500X equipped with a 2.4L engine (sales code ED8), and Jeep® Compass equipped with a 2.4L engine (sales code ED6, ED8, or EDE) vehicles may experience a Malfunction Indicator Lamp (MIL) illumination, P2226 baromet	12/15/2017	3/7/2018	1133	24
89	Some 2018 MY Jeep® Renegade and Jeep® Cherokee equipped with a 2.4L engine (sales code ED6 or ED8), Fiat 500X equipped with a 2.4L engine (sales code ED8), and Jeep® Compass equipped with a 2.4L engine (sales code ED6, ED8, or EDE) vehicles may experience a Malfunction Indicator Lamp (MIL) illumination, P2226 baromet	12/15/2017	3/7/2018	1632	16
90	Exhaust gas recirculation coolers, part number 95811101170, are being replaced in the field for MIL illumination. The most frequent fault codes stored are P245800 and/or P040B00.	12/15/2017	3/7/2018	3219	13
91	Exhaust gas recirculation coolers, part number 95811101170, are being replaced in the field for MIL illumination. The most frequent fault codes stored are P245800 and/or P040B00.	5/1/2012	4/30/2013	5026	59
92	The joint that connects the high-pressure fuel pump's outer housing to the pump's flange may not have been properly welded by the supplier during the manufacturing process. Over time, the weld could crack, potentially separating the high-pressure fuel pump from the flange and allowing the pump to oscillate inside the engine compartment. If this occurs, the pump's movement coul			127	0
93	The joint that connects the high-pressure fuel pump's outer housing to the pump's flange may not have been properly welded by the supplier during the manufacturing process. Over time, the weld could crack, potentially separating the high-pressure fuel pump from the flange and allowing the pump to oscillate inside the engine compartment. If this occurs, the pump's movement coul			213	0
94	The joint that connects the high-pressure fuel pump's outer housing to the pump's flange may not have been properly welded by the supplier during the manufacturing process. Over time, the weld could crack, potentially separating the high-pressure fuel pump from the flange and allowing the pump to oscillate inside the engine compartment. If this occurs, the pump's movement coul			213	0
95	Thermostat inserts (part# 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.	6/4/2013	5/20/2014	10574	60
96	Thermostat inserts (part# 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.	6/4/2013	5/20/2014	10574	60
97	Thermostat inserts (part# 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.			9799	36
98	Thermostat inserts (part# 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.			9799	36
99	Thermostat inserts (part# 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.	6/4/2013	5/20/2014	10574	60
100	Thermostat inserts (part# 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.			9799	36
101	Thermostat inserts (part# 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.			9799	36

	A	B	C	D	E	F	G	H	I	J	K	L
102	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4	3.4L
103	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 FWD	
104	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
105	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 Inscription FWD	
106	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
107	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
108	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 AWD	

	M	N	O	P
102	Automatic and Manual.	FPRXV04.OC91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
103		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
104		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
105		GVVXX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
106		GVVXX02.0S3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
107		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
108		GVVXX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found:</p> <p>Residual dirt in the cooling system.</p> <p>Spring force too low.</p> <p>Frictional resistance between the heating pin and sealing body.</p> <p>Wax element defective.</p>			9799	36
102					
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33971	33971
103					
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
104					
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
105					
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			3870	3870
106					
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8211	8211
107					
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
108					

	A	B	C	D	E	F	G	H	I	J	K	L
109	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
110	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
111	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 Inscription FWD	
112	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
113	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman S	2.5
114	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman S	2.5
115	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman	2.0

	M	N	O	P
109		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
110		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
111		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
112		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
113	Manual, Automatic	HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems
114	Manual, Automatic	HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems
115	Manual, Automatic	HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
109					
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
110					
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
111					
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
112					
	<p>? pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU. ? Part are being replaced due to defective ceramic elements ? Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	86
113					
	<p>? pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU. ? Part are being replaced due to defective ceramic elements ? Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	86
114					
	<p>? pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU. ? Part are being replaced due to defective ceramic elements ? Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	86
115					

	A	B	C	D	E	F	G	H	I	J	K	L
116	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster	2.0
117	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera	3.0 l
118	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera GT5	3.0 l
119	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera GT5 Cabriolet	3.0 l
120	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4S	3.0 l
121	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo	3.8L
122	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera GT5	3.8L
123	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 GT3	3.8L
124	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Targa 4S	3.8L

	M	N	O	P
116	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
117	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
118	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
119	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
120	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
121	Automatic.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
122	Automatic and Manual.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
123	Automatic.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
124	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>2 pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU.</p> <p>2 Part are being replaced due to defective ceramic elements</p> <p>7 Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	86
117	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
118	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
119	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
120	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
121	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
122	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
123	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			10574	96
124	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			10574	96

	A	B	C	D	E	F	G	H	I	J	K	L
125	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo Cabriolet	3.8L
126	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4S	3.8L
127	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 GT3	3.8L
128	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4 GT5 Cabriolet	3.8L
129	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera	3.4L
130	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo S Cabriolet	3.8L
131	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo S	3.8L
132	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Boxster S	3.4L
133	General Motors LLC	GMX	New Submission	Submitted	6/29/2018 16:35:30		GMX-DR-2018-0000257	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
134	General Motors LLC	GMX	New Submission	Submitted	6/29/2018 16:35:30		GMX-DR-2018-0000257	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Cadillac	XTS	

	M	N	O	P
125	Automatic.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
126	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
127	Automatic.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
128	Automatic and Manual.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
129	Automatic and Manual.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
130	Automatic.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
131	Automatic.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
132	Automatic and Manual.	EPRXV03.4B81	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
133		JGMYT03.6151	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
134		HGMYT03.6152	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
125	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
126	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
127	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
128	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
129	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
130	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
131	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
132	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			5107	59
133	Certain 2017-2018 model year Cadillac XTS vehicles equipped with an 8-speed transmission were service programmed with incorrect transmission control module (TCM) software. Vehicles programmed with this software may, under certain downhill driving conditions, inappropriately remain in a mode of delayed upshifts that can only be exited on an ignition key cycle or gear selector s			136	136
134	Certain 2017-2018 model year Cadillac XTS vehicles equipped with an 8-speed transmission were service programmed with incorrect transmission control module (TCM) software. Vehicles programmed with this software may, under certain downhill driving conditions, inappropriately remain in a mode of delayed upshifts that can only be exited on an ignition key cycle or gear selector s			1521	1521

	A	B	C	D	E	F	G	H	I	J	K	L
135	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4	3.4L
136	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S Cabriolet	3.8L
137	Kia Motors Corporation	KMX	Correction	Superseded	7/12/2018 16:17:44	9/20/2018 11:53:28	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger RWD	
138	Kia Motors Corporation	KMX	Correction	Superseded	7/12/2018 16:17:44	9/20/2018 11:53:28	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
139	Kia Motors Corporation	KMX	Correction	Superseded	7/12/2018 16:17:44	9/20/2018 11:53:28	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger	
140	Hyundai Motor Company	HYX	New Submission	Superseded	7/12/2018 16:29:58	10/9/2018 10:30:39	HYX-DR-2018-0000292	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	OPTIMA HYBRID	
141	Hyundai Motor Company	HYX	New Submission	Superseded	7/12/2018 16:29:58	10/9/2018 10:30:39	HYX-DR-2018-0000292	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	OPTIMA HYBRID EX	
142	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i	
143	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive Gran Turismo	
144	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible	

	M	N	O	P
135	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
136	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
137		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
138		JKMXV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
139		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
140		DHYVY02.4AHN	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
141		DHYVY02.4AHN	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
142		DBMXV04.4N63	2013	Crankcase Ventilation System
143		DBMXV04.4N63	2013	Crankcase Ventilation System
144		FBMXV04.4N63	2015	Crankcase Ventilation System

	A	B	C	D	E	F	G	H	I	J	K	L
145	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Convertible	
146	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Gran Coupe	
147	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750Li	
148	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i	
149	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima	
150	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 RWD	
151	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G80 AWD	
152	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G80 RWD	
153	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima FE	

	M	N	O	P
145		FBMXV04.4N63	2015	Crankcase Ventilation System
146		FBMXV04.4N63	2015	Crankcase Ventilation System
147		EBMXV04.4N63	2014	Crankcase Ventilation System
148		EBMXV04.4N63	2014	Crankcase Ventilation System
149		JHYXV02.4AJ5	2018	Emission Control Information Label
150		JHYXV03.31MF	2018	Emission Control Information Label
151		JHYXV03.31Y6	2018	Emission Control Information Label
152		JHYXV03.31Y6	2018	Emission Control Information Label
153		JHYXV02.4AJ5	2018	Emission Control Information Label

	Q	R	S	T	U
145	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2014	4/29/2014	1150	100
146	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2014	4/29/2014	1150	100
147	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
148	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
149	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			65928	234
150	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			1190	40
151	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			4108	80
152	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			4108	80
153	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			65928	234

	A	B	C	D	E	F	G	H	I	J	K	L
154	Hyundai Motor Company	HYX	Correction	Superseded	7/30/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 AWD	
155	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima FE	
156	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata SE	
157	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G80 AWD	
158	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
159	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA AWD D-CAB 2GR MT OFF PKG	
160	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER	
161	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD LE	
162	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350 AWD	
163	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350 AWD	
164	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA AWD	
165	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD	
166	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER LE/LE/SEL/LE	
167	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA AWD D-CAB V6 MT OFF-ROAD	
168	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY XSE	
169	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:26:11		TYX-DR-2018-0000287	Defect Report	DR - Ignition System	LEXUS	LS 500	
170	BMW	BMX	New Submission	Submitted	7/2/2018 3:28:46		BMX-DR-2018-0000250	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
171	BMW	BMX	New Submission	Submitted	7/2/2018 3:31:22		BMX-DR-2018-0000249	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
172	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i xDrive	
173	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER CONVERTIBLE	

	M	N	O	P
154		JHYXV03.31MF	2018	Emission Control Information Label
155		JHYXV02.4AJ5	2018	Emission Control Information Label
156		JHYXV02.4AJ5	2018	Emission Control Information Label
157		JHYXV03.31Y6	2018	Emission Control Information Label
158		GTXXV03.5MEX	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
159		GTXXV03.5MGM	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
160		HTYXT03.5MSM	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
161		HTYXT03.5MSM	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
162		HTYXT03.5MSM	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
163		GTXXV03.5MER	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
164		HTYXT03.5MSM	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
165		HTYXT03.5MSM	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
166		HTYXT03.5MSM	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
167		HTYXT03.5MSN	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
168		JTYXV03.5M58	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
169		JTYXV03.5K6A	2018	Ignition System
170		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
171		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
172		JBMXX02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
173		KBMXXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
174	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	340i xDrive	
175	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	340i xDrive Gran Turismo	
176	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X2 sDrive28i	
177	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X2 sDrive28i	
178	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i xDrive Coupe	
179	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i xDrive Coupe	
180	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i Coupe	

	M	N	O	P
174		JBMXV03.0858	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
175		JBMXV03.0858	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
176		JBMXV02.0846	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
177		JBMXV02.0846	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
178		JBMXV03.082X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
179		KBMXJ02.084X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
180		KBMXJ02.084X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
181	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	540i	
182	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
183	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/2/2018 13:44:28		JLX-DR-2018-0000262	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
184	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750Li	
185	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Coupe	
186	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Coupe	
187	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive Gran Turismo	

	M	N	O	P
181		JBMXJ03.0B5X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
182		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
183		FJLXT02.0001	2015	Air Inlet System (Including Turbo and Superchargers)
184		DBMXV04.4N63	2013	Crankcase Ventilation System
185		FBMXV04.4N63	2015	Crankcase Ventilation System
186		FBMXV04.4N63	2015	Crankcase Ventilation System
187		EBMXV04.4N63	2014	Crankcase Ventilation System

	A	B	C	D	E	F	G	H	I	J	K	L
188	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i Gran Turismo	
189	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
190	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
191	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
192	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
193	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
194	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS	
195	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS	
196	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS Eco	
197	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500X	
198	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
199	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Giulia	
200	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Giulia AWD	
201	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	124 Spider	

	Q	R	S	T	U
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>Accomplete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
180	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			1788	33
190	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			2428	167
191	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			6516	361
192	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			2368	178
193	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			6516	361
194	Some 2016-2018 model year Prius, 2017-2018 model year Prius Prime, and 2018 model year Camry HV vehicles may exhibit an intermittent condition where it is difficult to refuel. This condition may be caused by the fuel filler door not opening completely, or interference between the fuel filler nozzle splash guard and the fuel door lock switch.			55893	55893
195	Some 2016-2018 model year Prius, 2017-2018 model year Prius Prime, and 2018 model year Camry HV vehicles may exhibit an intermittent condition where it is difficult to refuel. This condition may be caused by the fuel filler door not opening completely, or interference between the fuel filler nozzle splash guard and the fuel door lock switch.			34200	34200
196	Some 2016-2018 model year Prius, 2017-2018 model year Prius Prime, and 2018 model year Camry HV vehicles may exhibit an intermittent condition where it is difficult to refuel. This condition may be caused by the fuel filler door not opening completely, or interference between the fuel filler nozzle splash guard and the fuel door lock switch.			6896	6896
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.				
197	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.			143	143
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.				
198	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.			1061	1061
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.				
199	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.			19486	19486
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.				
200	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.			19486	19486
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.				
201	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.			3204	3204

	A	B	C	D	E	F	G	H	I	J	K	L
202	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
203	Porsche AG	PRX	New Submission	Submitted	7/17/2018 11:14:25		PRX-DR-2018-0000302	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Macan S	3.0L
204	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayman S	3.4L
205	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera S Cabriolet	3.8L
206	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4	3.4L
207	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4 Cabriolet	3.4L
208	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4S	3.8L
209	Porsche AG	PRX	New Submission	Submitted	7/17/2018 16:18:17		PRX-DR-2018-0000308	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Macan Turbo	3.6L
210	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:34:53		GMX-DR-2018-0000325	Defect Report	DR - Hybrid Vehicle System			
211	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	EQUINOX	
212	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	VOLT	
213	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	1.6
214	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA FE+	1.8

	M	N	O	P
202		GCRXJ01.45P0	2016	On-Board Diagnostic (OBD) System
203	Automatic	GPRXT03.6MCS	2016	Electrical Wiring, Sensor, and Actuator Systems
204	Automatic and Manual.	EPRXV03.4BS1	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
205	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
206	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
207	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
208	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
209	Automatic.	FPRXT03.6MT6	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
210		EGMKV01.4088	2014	Hybrid Vehicle System
211		JGMKT01.5090	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
212		JGMKV01.5030	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
213		FNSXV01.6G4A	2015	On-Board Diagnostic (OBD) System
214		FNSXV01.8G1A	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LD (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (7OBD7?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix7? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>				
202				143	143
	<p>Fuel level sensors (part# 8R0919673F) are being replaced in the field for a customer complaint of a fuel gauge warning being shown and fault 01000D stored in the Instrument Cluster.</p> <p>Analysis shows that the resistor board was broken during the production process. The process has been improved to prevent this.</p>	5/20/2015	5/19/2016	14252	78
204	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>			5107	31
205	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>			10574	154
206	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>			10574	154
207	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>			10574	154
208	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>			10574	154
209	<p>Tank ventilation valves (part numbers 94611002033, 94611002034, 94611002035 and 94611002036) are being replaced in the field due to the MIL being illuminated. Fault P0456 is most frequently stored. Most likely erroneous replacement for NVLD (Pressure switch) issue (see EDIR 0093).</p>			3209	28
210	<p>In certain vehicles the hybrid drive motor battery cell pouches may leak electrolyte internally in the battery pack. This can cause a loss of cell voltage and reduced battery pack capacity. The leak is likely a result of moisture in the air that enters the battery pack vent and interacts with internal components. Incidents of such leaks have been identified primarily in hot and humid states. Ad</p>			14486	30
211	<p>The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p>			200	200
212	<p>The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p>			29	29
213	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (>100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			9857	5
214	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (>100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			8813	2

	A	B	C	D	E	F	G	H	I	J	K	L
215	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE AWD	2.5
216	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE AWD	2.5
217	Porsche AG	PRX	New Submission	Superseded	7/18/2018 13:45:52	8/16/2018 8:59:10	PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4S Executive	2.9L
218	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 AWD	
219	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
220	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
221	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	

	M	N	O	P
215		ENSXT02.5G5B	2014	On-Board Diagnostic (OBD) System
216		FNSXT02.5G5B	2015	On-Board Diagnostic (OBD) System
217	Automatic.	HPRXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
218		CTYXV03.5BEB	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
219		ATYXV03.5BEB	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
220		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
221		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p>				
215	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			524	0
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p>				
216	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			1107	0
	<p>Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200- "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean"</p> <p>Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.</p> <p>Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software was changed.</p>			3107	261
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			3909	3909
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			12978	12978
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			10039	10039
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			10039	10039

	A	B	C	D	E	F	G	H	I	J	K	L
222	Porsche AG	PRX	New Submission	Submitted	7/18/2018 14:41:41		PRX-DR-2018-0000317	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne S	4.8L
223	Porsche AG	PRX	New Submission	Superseded	7/23/2018 14:55:14	7/23/2018 15:00:04	PRX-DR-2018-0000323	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne S e-Hybrid	
224	Porsche AG	PRX	New Submission	Superseded	7/23/2018 14:55:14	7/23/2018 15:00:04	PRX-DR-2018-0000323	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne S e-Hybrid	
225	FCA US LLC	CRX	New Submission	Submitted	7/27/2018 13:25:17		CRX-DR-2018-0000355	Defect Report	DR - Diesel Particulate Filter System			
226	Porsche AG	PRX	New Submission	Submitted	7/27/2018 14:05:52		PRX-DR-2018-0000356	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne GTS	4.8L
227	Hyundai Motor Company	HYX	New Submission	Submitted	7/27/2018 16:46:13		HYX-DR-2018-0000361	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	HYUNDAI	Sonata SPORT/LIMITED	
228	Kia Motors Corporation	KMX	New Submission	Submitted	7/27/2018 17:26:29		KMX-DR-2018-0000362	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento 4WD	
229	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 9:27:05		VGA-DR-2018-0000375	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A8	
230	Audi	ADX	New Submission	Submitted	8/3/2018 13:33:00		ADX-DR-2018-0000376	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	S8	
231	Audi	ADX	New Submission	Submitted	8/3/2018 13:33:00		ADX-DR-2018-0000376	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A8L	

	M	N	O	P
222	Automatic.	EPRXT04.8CSD	2014	Electrical Wiring, Sensor, and Actuator Systems
223		GPRXJ03.0PHV	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
224		HPRXT03.0PHV	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
225		ECRXT03.0SPV	2014	Diesel Particulate Filter System
226	Automatic.	EPRXT04.8CSD	2014	Electrical Wiring, Sensor, and Actuator Systems
227		FHYXV02.42JP	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
228		FKMXV02.44PE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
229		FVGAV04.0NUA	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
230		DADXV04.03UI	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
231		DADXV04.03UI	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
232	BMW	BMX	New Submission	Submitted	8/8/2018 4:08:38		BMX-DR-2018-0000380	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
233	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
234	Ford Motor Company	FMX	New Submission	Superseded	8/6/2018 16:06:20	10/11/2018 10:28:30	FMX-DR-2018-0000275	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
235	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:41:10		PRX-DR-2018-0000372	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne	3.6L
236	BMW	BMX	New Submission	Submitted	8/8/2018 3:13:44		BMX-DR-2018-0000390	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
237	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	550i	
238	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	Alpina B7 LWB	
239	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	Alpina B7 5WB	
240	BMW	BMX	New Submission	Submitted	8/8/2018 3:37:33		BMX-DR-2018-0000386	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	

	M	N	O	P
232		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
233		AMBXT03.0HD2	2010	Electrical Wiring, Sensor, and Actuator Systems
234		GFMXV02.3VJW	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
235	Automatic and manual.	EPRXT03.6CBO	2014	Electrical Wiring, Sensor, and Actuator Systems
236		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
237		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
238		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
239		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
240		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>The affected part number 13537805423 relates to the PRESSURE ACCUMULATOR (FUEL RAIL).</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mi). Please see corresponding EDIR-OF-N57/N47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component PRESSURE ACCUMULATOR (FUEL RAIL) is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	1505	348
232	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			2902	150
234	Some 2016 2.3L Mustang gasoline turbocharged direct injection (GTDI) vehicles may experience damage to the check valve internal seal or have a displaced membrane on the evaporative emissions canister purge valve (CPV), which are both components to the fuel vapor hose assembly.			15928	1458
235	Crankshaft speed sensors (part number 95860643300) are being replaced in the field for MIL illumination. Fault code P0322 is most frequently stored. Analysis shows that a poor solder joint in the connector area leads to premature failure through heat and vibration.	6/7/2013	8/22/2014	10729	26
236	<p>The affected part number 16117243972 relates to the FUEL PUMP (DELIVERY MODULE).</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mi) (please note that the corresponding FR (equivalent to FR F-062.0-9) will be submitted after the reporting threshold 4% and 50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP (DELIVERY MODULE) is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	3695	377
237	<p>The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor.</p> <p>Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions:</p> <p>a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk)</p> <p>b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics</p> <p>c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor</p> <p>All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.</p>	2/28/2013	5/31/2014	15275	1833
238	<p>The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor.</p> <p>Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions:</p> <p>a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk)</p> <p>b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics</p> <p>c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor</p> <p>All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.</p>	2/28/2013	5/31/2014	15275	1833
239	<p>The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor.</p> <p>Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions:</p> <p>a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk)</p> <p>b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics</p> <p>c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor</p> <p>All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.</p>	2/28/2013	5/31/2014	15275	1833
240	<p>The affected part numbers 16127207419 and 16127207420 relate both to the FUEL FEED LINE.</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mi). Please see corresponding EDIR-OF-N57/N47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL FEED LINE is/was working properly and has/had no malfunction.</p>	7/31/2014	6/30/2015	7396	868

	A	B	C	D	E	F	G	H	I	J	K	L
241	Mercedes Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
242	Mercedes Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
243	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350	
244	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350	
245	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h AWD	
246	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350 AWD	
247	Audi	ADX	New Submission	Submitted	8/13/2018 11:13:53		ADX-DR-2018-0000408	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	Q7	
248	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TUNDRA 4WD FFV	
249	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TUNDRA 4WD FFV	
250	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TUNDRA 4WD FFV	
251	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 6:58:39		MBX-DR-2018-0000400	Defect Report	DR - Catalyst System			
252	Porsche AG	PRX	Correction	Submitted	8/16/2018 8:59:10		PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4S Executive	2.9L
253	Porsche AG	PRX	Correction	Submitted	8/16/2018 8:59:10		PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4S	2.9L
254	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350	

	M	N	O	P
241		CMBXT03.0HD1	2012	Exhaust System (Other than EGR and Catalyst Systems)
242		AMBXT03.0HD2	2010	Exhaust System (Other than EGR and Catalyst Systems)
243		HTYXT03.5M5M	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
244		JTYXT03.5M5M	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
245		JTYXT03.5P34	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
246		JTYXT03.5M5M	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
247		DADXT03.03UG	2013	Exhaust Gas Recirculation (EGR) System
248		FTYXT05.7XE8	2015	On-Board Diagnostic (OBD) System
249		JTYXT05.7M58	2018	On-Board Diagnostic (OBD) System
250		QTYXT05.7XE8	2016	On-Board Diagnostic (OBD) System
251		HMBXV04.0U2A	2017	Catalyst System
252 Automatic		HPRXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
253 Automatic		HPRXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
254		7TYXV03.5BEB	2007	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>DAG has determined that the diesel particulate filter may crack due to an insufficiently robust welded connection. Specific environmental influences in the form of corrosion could also have a negative effect on the long term durability of the diesel particulate filter. This can lead to tensions within the exhaust system and thus also may cause the diesel particulate filter to crack.</p> <p>In addition, in individual cases, it may be that during repairs to the exhaust system that are unrelated to a defect of the diesel particulate filter, the exhaust system was not replaced in accordance with the DAG specifications. Specifically, the issue might arise where it is necessary for the workshop to replace the exhaust system (including the diesel particulate filter) and the replacement system is not fitted according to DAG specifications. This can lead to tensions within the exhaust system and thus may also cause the diesel particulate filter to crack.</p> <p>In both cases, a fault is stored in the engine control unit software and the engine diagnostics warning lamp (MIL) is activated.</p>			15696	2303
	<p>DAG has determined that the diesel particulate filter may crack due to an insufficiently robust welded connection. Specific environmental influences in the form of corrosion could also have a negative effect on the long term durability of the diesel particulate filter. This can lead to tensions within the exhaust system and thus also may cause the diesel particulate filter to crack.</p> <p>In addition, in individual cases, it may be that during repairs to the exhaust system that are unrelated to a defect of the diesel particulate filter, the exhaust system was not replaced in accordance with the DAG specifications. Specifically, the issue might arise where it is necessary for the workshop to replace the exhaust system (including the diesel particulate filter) and the replacement system is not fitted according to DAG specifications. This can lead to tensions within the exhaust system and thus may also cause the diesel particulate filter to crack.</p> <p>In both cases, a fault is stored in the engine control unit software and the engine diagnostics warning lamp (MIL) is activated.</p>			4809	102
243	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			135158	135158
244	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			38781	28781
245	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			3582	3582
246	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			28781	28781
	<p>Customer Complaint: MIL on</p> <p>Component: EGR Cooler</p> <p>Production Part Number: 059131515DD / DN</p> <p>Warranty Replacement Part Number: 059131515 FH</p> <p>The following DTC was observed: P245B (Exhaust Gas recirculation Cooler Bypass Control Circuit Range/Performance)</p> <p>Part analysis reflexes part number: 059131515DD / DN</p> <p>Analysis results part number 059131515DD: Cracking on the bypass valve shaft causing the valve to stick. To resolve this issue a carbon scraper ring was implemented in Production with part number 059131515DN as of cw 05/2013.</p>			3673	117
247	Analysis results part number 059131515DN: No trouble found				
248	Vehicles equipped with a 3UR-FBE flex fuel engine may experience a MIL 70N/77 condition with DTCs: P0171 (System Too Lean Bank 1), P0172 (System Too Rich Bank 1), P0174 (System Too Lean Bank 2), P0175 (System Too Rich Bank 2), P1604 (Start Failure Determination) and/or extended cranking. This condition is caused by fuel pressure below specification.			43061	43061
249	Vehicles equipped with a 3UR-FBE flex fuel engine may experience a MIL 70N/77 condition with DTCs: P0171 (System Too Lean Bank 1), P0172 (System Too Rich Bank 1), P0174 (System Too Lean Bank 2), P0175 (System Too Rich Bank 2), P1604 (Start Failure Determination) and/or extended cranking. This condition is caused by fuel pressure below specification.			30022	30022
250	Vehicles equipped with a 3UR-FBE flex fuel engine may experience a MIL 70N/77 condition with DTCs: P0171 (System Too Lean Bank 1), P0172 (System Too Rich Bank 1), P0174 (System Too Lean Bank 2), P0175 (System Too Rich Bank 2), P1604 (Start Failure Determination) and/or extended cranking. This condition is caused by fuel pressure below specification.			69604	69604
251	Daimler AG has determined that on certain AMG GT/GTS vehicles (190 platform) with 8-cylinder gasoline engine, the software of the engine control unit may not be sufficiently robust with regard to exhaust aftertreatment. As a result, in case the defect occurs in a vehicle, NMOC + NOx emissions may be exceeded within the FTP 75	5/31/2016	5/30/2017	312	0
	<p>Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200: "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean"</p> <p>Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.</p>	10/10/2016	6/13/2017	3107	261
252	Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software for the 3.0L version was changed.				
	<p>Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200: "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean"</p> <p>Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.</p>	10/10/2016	6/13/2017	3107	261
253	Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software for the 3.0L version was changed.				
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			34067	34067
254					

	A	B	C	D	E	F	G	H	I	J	K	L
255	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	
256	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 450h	
257	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	
258	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
259	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 450H	
260	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	

	M	N	O	P
255		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
256		ATYXV03.5CC4	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
257		ATYXV03.5BEB	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
258		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
259		7TYXV03.5CC1	2007	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
260		CTYXV03.5BEB	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
255	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			10039	10039
256	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			241	241
257	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			12978	12978
258	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			10039	10039
259	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			3424	3424
260	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			3909	3909

	A	B	C	D	E	F	G	H	I	J	K	L
263	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera	3.4L
262	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster	2.7L
263	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera S Cabriolet	3.8L
264	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:47:38		PRX-DR-2018-0000523	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne Turbo S	4.8L
265	FCA US LLC	CRX	New Submission	Submitted	8/31/2018 9:16:37		CRX-DR-2018-0000525	Defect Report	DR - Catalyst System			
266	Ford Motor Company	FMX	New Submission	Submitted	8/31/2018 16:37:07		FMX-DR-2018-0000506	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
267	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i Gran Coupe	
268	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER CLUBMAN ALL4	
269	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i xDrive Sports Wagon	

	M	N	O	P
263	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
262	Automatic and Manual.	EPRXV02.7B81	2014	Electrical Wiring, Sensor, and Actuator Systems
263	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
264	Automatic.	EPRXT04.8CTD	2014	Electrical Wiring, Sensor, and Actuator Systems
265		HCBXT03.6SP0	2017	Catalyst System
266		CFMXT02.02E2	2012	Air Inlet System (Including Turbo and Superchargers)
267		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
268		KBMXV01.5M3X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
269		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
270	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i	
271	Audi	ADX	New Submission	Submitted	9/12/2018 13:26:17		ADX-DR-2018-0000574	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	TOUAREG	
272	Mazda Motor Corporation	TXK	New Submission	Submitted	9/7/2018 0:15:45		TXK-DR-2018-0000504	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]			
273	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
274	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
275	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	TOYOTA	TUNDRA 2WD FFV	
276	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	TOYOTA	TUNDRA 4WD	
277	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	TOYOTA	TUNDRA 4WD	
278	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	TOYOTA	SEQUOIA 2WD	
279	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	TOYOTA	TUNDRA 2WD	
280	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	TOYOTA	TUNDRA 4WD FFV	
281	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740i	
282	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i	
283	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	640i xDrive Gran Turismo	
284	FCA US LLC	CRX	New Submission	Submitted	9/5/2018 15:09:54		CRX-DR-2018-0000535	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Grand Cherokee 4X4	
285	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/14/2018 14:36:33		HNX-DR-2018-0000561	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	
286	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	CIVIC 4Dr	1.5L
287	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	CIVIC 4Dr	1.5L
288	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	CIVIC 2Dr	
289	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 13:16:54		CRX-DR-2018-0000588	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4X4	
290	FCA US LLC	CRX	New Submission	Submitted	9/18/2018 13:16:54		CRX-DR-2018-0000588	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4X4 Active Drive II	
291	Kia Motors Corporation	KMX	Correction	Superseded	9/18/2018 14:29:35	9/18/2018 14:58:47	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
292	Kia Motors Corporation	KMX	Correction	Superseded	9/18/2018 14:29:35	9/18/2018 14:58:47	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	

	M	N	O	P
270		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
271		EADXT03.02UG	2014	Exhaust Gas Recirculation (EGR) System
272		JTKXV02.5CDA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
273		GTXXJ02.5BEL	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
274		GTXXV02.5BED	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
275		HTYXT05.7XE8	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
276		HTYXT04.6BEW	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
277		JTYXT04.6BEW	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
278		JTYXT05.7MSW	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
279		JTYXT05.7MSW	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
280		HTYXT05.7XE8	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
281		GBMXV03.0B58	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
282		GBMXV04.4N63	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
283		JBMXJ03.0B5X	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
284		ECRXT03.6SPA	2014	On-Board Diagnostic (OBD) System
285	E-CVT	JHXXV02.09K2	2018	On-Board Diagnostic (OBD) System
286		HHXXV01.5XH2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
287	CVT	GHXXV01.5XH2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
288		JHXXV01.5TH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
289		KCRXT02.0SP0	2019	Exhaust Gas Recirculation (EGR) System
290		KCRXT02.0SP0	2019	Exhaust Gas Recirculation (EGR) System
291		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
292		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
293	Kia Motors Corporation	KMX	Correction	Superseded	9/24/2018 16:20:30	10/9/2018 12:58:52	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
294	Kia Motors Corporation	KMX	Correction	Superseded	9/18/2018 14:58:47	9/21/2018 12:02:26	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
295	Kia Motors Corporation	KMX	Correction	Superseded	9/21/2018 12:02:26	9/24/2018 16:03:32	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
296	Kia Motors Corporation	KMX	Correction	Submitted	9/21/2018 15:37:09		KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Accent	
297	Kia Motors Corporation	KMX	Correction	Submitted	9/21/2018 15:37:09		KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
298	Kia Motors Corporation	KMX	Correction	Submitted	9/21/2018 15:37:09		KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Accent	
299	Kia Motors Corporation	KMX	Correction	Submitted	9/21/2018 15:37:09		KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Accent	
300	Kia Motors Corporation	KMX	New Submission	Submitted	9/21/2018 16:03:50		KMX-DR-2018-0000291	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
301	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
302	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
303	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
304	Kia Motors Corporation	KMX	Correction	Superseded	9/19/2018 15:24:13	9/21/2018 15:37:09	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Accent	
305	Kia Motors Corporation	KMX	Correction	Superseded	9/19/2018 15:24:13	9/21/2018 15:37:09	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Accent	

	M	N	O	P
293		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
294		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
295		JKMXV02.04X6	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
296		GKMXV01.6DBE	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
297		GKMXV01.6DBE	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
298		FKMXV01.6DBE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
299		EKMXV01.6DBE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
300		DKMXV01.6DBE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
301		JCRXT03.65PC	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
302		JCRXT02.45PA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
303		JCRXT02.45P3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
304		GKMXV01.6DBE	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
305		EKMXV01.6DBE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
306	Kia Motors Corporation	KMX	Correction	Superseded	9/19/2018 15:24:13	9/21/2018 15:37:09	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Accent	
307	Kia Motors Corporation	KMX	Correction	Superseded	9/19/2018 15:24:13	9/21/2018 15:37:09	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
308	Kia Motors Corporation	KMX	Correction	Submitted	9/19/2018 15:40:46		KMX-DR-2018-0000133	Defect Report	DR - Catalyst System	KIA	Stinger AWD	
309	Kia Motors Corporation	KMX	Correction	Submitted	9/19/2018 15:40:46		KMX-DR-2018-0000133	Defect Report	DR - Catalyst System	KIA	Stinger	
310	Kia Motors Corporation	KMX	Correction	Submitted	9/19/2018 15:40:46		KMX-DR-2018-0000133	Defect Report	DR - Catalyst System	KIA	Stinger RWD	3.3L Turbo
311	Kia Motors Corporation	KMX	New Submission	Submitted	9/20/2018 10:05:35		KMX-DR-2018-0000059	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
312	Kia Motors Corporation	KMX	Correction	Superseded	9/20/2018 11:53:27	10/9/2018 15:53:57	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sedona	
313	Kia Motors Corporation	KMX	Correction	Superseded	9/20/2018 11:53:27	10/9/2018 15:53:57	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Optima	

	M	N	O	P
306		FKMXV01.6DBE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
307		HKMXV01.6DDF	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
308		JKMXV03.34Y6	2018	Catalyst System
309		JKMXV03.34Y6	2018	Catalyst System
310		JKMXV03.34Y6	2018	Catalyst System
311		JKMXV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
312		KKMXV03.3KJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
313		KKMXV02.0DG5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
314	Kia Motors Corporation	KMX	Correction	Superseded	9/20/2018 11:53:27	10/3/2018 15:53:57	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
315	Kia Motors Corporation	KMX	Correction	Superseded	9/20/2018 11:53:27	10/3/2018 15:53:57	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger AWD	
316	Volvo Car USA, LLC	VVX	New Submission	Superseded	9/26/2018 11:22:14	1/30/2019 10:01:39	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
317	Volvo Car USA, LLC	VVX	New Submission	Superseded	9/26/2018 11:22:14	1/30/2019 10:01:39	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
318	FCA US LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler 4x4	
319	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	9/26/2018 14:30:40		NSX-DR-2018-0000578	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50	3.0
320	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 RWD	
321	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G80 AWD	
322	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G80 RWD	
323	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata SE	
324	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 10:26:38	10/3/2018 11:05:12	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
325	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:30:39		HYX-DR-2018-0000292	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	SONATA HYBRID LIMITED	
326	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 RWD	
327	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G80 RWD	
328	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 AWD	
329	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:05:12	10/3/2018 11:13:00	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	VELOSTER	
330	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:05:12	10/3/2018 11:13:00	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
331	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 11:13:00		HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	VELOSTER	
332	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 11:13:00		HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
333	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
334	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	
335	Toyota Motor Corporation	TYX	New Submission	Submitted	9/28/2018 15:34:51		TYX-DR-2018-0000606	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450h AWD	
336	Toyota Motor Corporation	TYX	New Submission	Submitted	9/28/2018 15:34:51		TYX-DR-2018-0000606	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD	
337	Toyota Motor Corporation	TYX	New Submission	Submitted	9/28/2018 15:34:51		TYX-DR-2018-0000606	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450h AWD	

	M	N	O	P
314		JKMXV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
315		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
316		GVVXV02.0U3T	2016	Catalyst System
317		GVVXT02.0P3T	2016	Catalyst System
318		KCRXT03.65P7	2019	On-Board Diagnostic (OBD) System
319		GN5XV03.0GHA	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
320		JHYXV03.31MF	2018	Emission Control Information Label
321		JHYXV03.31Y6	2018	Emission Control Information Label
322		JHYXV03.31Y6	2018	Emission Control Information Label
323		JHYXV02.4A45	2018	Emission Control Information Label
324		PHYXV01.61CE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
325		DHYXV02.444W	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
326		JHYXV03.31MF	2018	Emission Control Information Label
327		JHYXV03.31Y6	2018	Emission Control Information Label
328		JHYXV03.31MF	2018	Emission Control Information Label
329		DHYXV01.61CE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
330		BHYXV01.61CE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
331		DHYXV01.61CE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
332		BHYXV01.61CE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
333	6MT	HHNXV01.56H3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
334		JHNVV01.5TH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
335		HTYXV03.5P34	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
336		HTYXV03.5P35	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
337		JTYXV03.5P34	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Kia will replace the misprinted filler caps with the right ones.			34	34
	Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Kia will replace the misprinted filler caps with the right ones.			307	307
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.			20507	20507
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.			2230	2230
318	Some 2018-2019 MY 2.0L and 3.6L Jeep Wrangler BSG and some 2019 MY 3.6L and 5.7L Ram 1500 Pick Up BSG vehicles may experience a software implementation issue that does not allow the OBD Evaporative Small Leak Detection to be enabled unless the engine runs for 5 minutes continuously without an auto stop before the key is turned off.			289	289
319	On some 2016 Infiniti Q50 vehicles (3.0L V6), customers are experiencing an engine misfire or rough running condition with associated MIL illumination (DTC P0301-P0306). Infiniti has investigated and found that the fuel injector may possibly become stuck open due to the potential presence of burrs left behind in the fuel supply	10/20/2015	7/25/2016	15819	69
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.			1190	40
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.			4108	80
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.			4108	80
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.			65928	234
326	Some 2012-2017 model year Hyundai Accent 1.6L and Veloster 1.6L turbo vehicles have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0455. According to the investigation the main cause for this occurrence is a stuck open CCV (Canister Close Valve). The design of air drain case which is a part of filler neck causes the problem if it rains heavily			8467	0
326	Some 2013 model year Optima (HEV) and Sonata (HEV)'s equipped with 2.4 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating an evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due			2962	51
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.			1190	40
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.			4108	80
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.			1190	40
329	Some 2012-2017 model year Hyundai Accent 1.6L and Veloster 1.6L turbo vehicles have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0455. According to the investigation the main cause for this occurrence is a stuck open CCV (Canister Close Valve). The design of air drain case which is a part of filler neck causes the problem if it rains heavily			16240	0
330	Some 2012-2017 model year Hyundai Accent 1.6L and Veloster 1.6L turbo vehicles have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0455. According to the investigation the main cause for this occurrence is a stuck open CCV (Canister Close Valve). The design of air drain case which is a part of filler neck causes the problem if it rains heavily			8434	0
331	Some 2012-2017 model year Hyundai Accent 1.6L and Veloster 1.6L turbo vehicles have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0455. According to the investigation the main cause for this occurrence is a stuck open CCV (Canister Close Valve). The design of air drain case which is a part of filler neck causes the problem if it rains heavily			16240	0
332	Some 2012-2017 model year Hyundai Accent 1.6L and Veloster 1.6L turbo vehicles have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0455. According to the investigation the main cause for this occurrence is a stuck open CCV (Canister Close Valve). The design of air drain case which is a part of filler neck causes the problem if it rains heavily			8434	0
333	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	4/25/2017	10/3/2017	13219	8
334	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	8/2/2017		31406	8
335	When operating under certain conditions involving high altitude and temperature, the vehicle may experience DTW P3190 (Poor Engine Power) and reduced internal combustion engine power. In this condition, the vehicle will illuminate the check engine light and may enter an EV fail-safe mode if the internal combustion engine shuts down.			11215	11215
336	When operating under certain conditions involving high altitude and temperature, the vehicle may experience DTW P3190 (Poor Engine Power) and reduced internal combustion engine power. In this condition, the vehicle will illuminate the check engine light and may enter an EV fail-safe mode if the internal combustion engine shuts down.			14704	14704
337	When operating under certain conditions involving high altitude and temperature, the vehicle may experience DTW P3190 (Poor Engine Power) and reduced internal combustion engine power. In this condition, the vehicle will illuminate the check engine light and may enter an EV fail-safe mode if the internal combustion engine shuts down.			3297	3297

	A	B	C	D	E	F	G	H	I	J	K	L
339	Audi	ADX	New Submission	Submitted	10/18/2018 10:07:50		ADX-DR-2018-0000636	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	RSS Cabriolet	
339	Audi	ADX	New Submission	Submitted	10/18/2018 10:07:50		ADX-DR-2018-0000636	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	RSS	
340	Kia Motors Corporation	KMX	Correction	Superseded	10/4/2018 10:09:15	10/17/2018 11:24:26	KMX-DR-2018-0000517	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Stinger	
341	Kia Motors Corporation	KMX	Correction	Superseded	10/4/2018 10:09:15	10/17/2018 11:24:26	KMX-DR-2018-0000517	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Stinger AWD	
342	Hyundai Motor Company	HYX	New Submission	Submitted	10/4/2018 14:10:08		HYX-DR-2018-0000169	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
343	Hyundai Motor Company	HYX	New Submission	Submitted	10/4/2018 14:10:08		HYX-DR-2018-0000169	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	VELOSTER	
344	Hyundai Motor Company	HYX	New Submission	Submitted	10/4/2018 14:10:08		HYX-DR-2018-0000169	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
345	Hyundai Motor Company	HYX	Correction	Superseded	10/4/2018 14:45:55	10/4/2018 14:56:16	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G80 AWD	
346	Hyundai Motor Company	HYX	Correction	Superseded	10/4/2018 14:45:55	10/4/2018 14:56:16	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	

	M	N	O	P
338		EAD XV04.23UL	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
339		DAD XV04.23UL	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
340		JKMXV02.04X6	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
341		JKMXV02.04X6	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
342		FHYXV01.61CE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
343		DHYXV01.61CE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
344		EHYXV01.61CE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
345		JHYXV03.31Y6	2018	Catalyst System
346		JHYXV03.31MF	2018	Catalyst System

	A	B	C	D	E	F	G	H	I	J	K	L
347	Hyundai Motor Company	HYX	Correction	Submitted	10/4/2018 14:56:16		HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G80 AWD	
348	Hyundai Motor Company	HYX	Correction	Submitted	10/4/2018 14:56:16		HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	3.3L Twin Turbo Genesis G90
349	Hyundai Motor Company	HYX	New Submission	Submitted	10/5/2018 16:30:07		HYX-DR-2018-0000130	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	GENESIS	G80 AWD	
350	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:22:34	10/4/2018 14:45:55	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 RWD	
351	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 13:03:30	10/3/2018 15:17:27	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger	
352	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 13:03:30	10/3/2018 15:17:27	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
353	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:17:27	10/3/2018 15:22:08	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger	
354	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:17:27	10/3/2018 15:22:08	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
355	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:17:27	10/3/2018 15:22:08	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
356	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:22:08	10/4/2018 10:09:15	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger	
357	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:53:57	5/22/2019 15:51:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
358	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:53:57	5/22/2019 15:51:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sedona	
359	Ford Motor Company	FMX	Correction	Submitted	10/11/2018 10:28:30		FMX-DR-2018-0000275	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
360	BMW	BMX	New Submission	Superseded	10/8/2018 3:57:22	1/29/2019 9:35:27	BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	MINI COOPER HARDTOP 4 DOOR	
361	FCA US LLC	CRX	New Submission	Submitted	10/8/2018 9:05:38		CRX-DR-2018-0000613	Defect Report	DR - Emission Control Information Label	Jeep	Cherokee 4x4	
362	Mercedes-Benz	MBX	New Submission	Submitted	10/11/2018 14:55:39		MBX-DR-2018-0000626	Defect Report	DR - Ignition System			

	M	N	O	P
347		JHYXV03.31V6	2018	Catalyst System
348		HHYXV03.31MF	2017	Catalyst System
349		JHYXV03.31V6	2018	Exhaust System (Other than EGR and Catalyst Systems)
350		JHYXV03.31MF	2018	Catalyst System
351		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
352		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
353		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
354		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
355		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
356		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
357		JKMXV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
358		KKMXT03.3KJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
359		FFMXV02.3VJW	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
360		GBMXV01.5M36	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
361		KCRXT02.45P4	2019	Emission Control Information Label
362		GMBXV04.0U2A	2016	Ignition System

	A	B	C	D	E	F	G	H	I	J	K	L
363	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i Gran Turismo	
364	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i xDrive	
365	Kia Motors Corporation	KMX	Correction	Submitted	10/17/2018 11:24:26		KMX-DR-2018-0000517	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Stinger AWD	
366	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	
367	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	CC	
368	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 11:49:26		NSX-DR-2018-0000664	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 AWD	
369	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:33		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	3.0L
370	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:33		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	INSIGHT TOURING	
371	Kia Motors Corporation	KMX	New Submission	Superseded	11/12/2018 15:26:42	3/4/2019 13:26:48	KMX-DR-2018-0000711	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
372	Kia Motors Corporation	KMX	New Submission	Superseded	11/12/2018 15:26:42	3/4/2019 13:26:48	KMX-DR-2018-0000711	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima Hybrid	
373	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta Hybrid	

	M	N	O	P
361		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
364		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
365		JKMXV02.04X6	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
366		GCRXT03.05PV	2016	Exhaust Gas Recirculation (EGR) System
367		DVWXV02.03PA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
368		JNSXT03.5P7A	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
369 7BCT		KHAXV03.04H3	2019	On-Board Diagnostic (OBD) System
370		KHXXV01.5CL2	2019	On-Board Diagnostic (OBD) System
371		KKMXV01.6L13	2019	On-Board Diagnostic (OBD) System
372		KKMXV02.0D16	2019	On-Board Diagnostic (OBD) System
373		EWWXV01.4HEV	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
374	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 10:28:05		VGA-DR-2018-0000657	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	Eos	
375	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 10:28:05		VGA-DR-2018-0000657	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Audi	Q3	
376	Audi	ADX	New Submission	Submitted	10/24/2018 11:01:38		ADX-DR-2018-0000658	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	GTI	
377	Audi	ADX	New Submission	Submitted	10/24/2018 13:06:30		ADX-DR-2018-0000659	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S7	
378	Audi	ADX	New Submission	Submitted	10/24/2018 13:06:30		ADX-DR-2018-0000659	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S7	
379	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/23/2018 14:30:37		JLX-DR-2018-0000642	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
380	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	ABL	

	M	N	O	P
374		FVGAV02.0VSE	2015	Air Inlet System (Including Turbo and Superchargers)
375		FVGAV02.0AUJA	2015	Air Inlet System (Including Turbo and Superchargers)
376		DADXV02.03PA	2013	Air Inlet System (Including Turbo and Superchargers)
377		EADXV04.03UJ	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
378		DADXV04.03UJ	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
379		FJLXV03.0FSM	2015	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
380		FVGAV04.0NUJA	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
374	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 E5 Interim Part Number: 06J 133 201 BD Warranty Replacement Part Number: 06J 133 201 BH The following DTCs were observed: - P2015 Intake Manifold Runner Position Sensor Range/Performance - P0507 Idle Control System RPM Higher than Expected - P2187 System too lean at idle - P0300-P0304 Misfire Detected</p> <p>Part analysis reflects part number: 06J 133 185 E5 -28x Cracked/broken plastic rivet head -1x Binding gear -1x Vacuum valve stuck closed -7x No Trouble Found</p> <p>Failure Analysis: -Cracked/broken plastic rivet heads are caused by a quality issue at supplier. -Abnormal wear in cavity of production tool #2 causes the load-bearing surface to be under specifications, which may lead to cracking/breakage over time.</p>			2740	95
375	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 E5 Interim Part Number: 06J 133 201 BD Warranty Replacement Part Number: 06J 133 201 BH The following DTCs were observed: - P2015 Intake Manifold Runner Position Sensor Range/Performance - P0507 Idle Control System RPM Higher than Expected - P2187 System too lean at idle - P0300-P0304 Misfire Detected</p> <p>Part analysis reflects part number: 06J 133 185 E5 -28x Cracked/broken plastic rivet head -1x Binding gear -1x Vacuum valve stuck closed -7x No Trouble Found</p> <p>Failure Analysis: -Cracked/broken plastic rivet heads are caused by a quality issue at supplier. -Abnormal wear in cavity of production tool #2 causes the load-bearing surface to be under specifications, which may lead to cracking/breakage over time.</p>			10518	697
376	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 DT (MY13), 06J 133 185 EQ (MY14) Warranty Replacement Part Number: 06J 133 201 BH The following DTC was observed: -P2015 (Intake Manifold Runner Position Sensor Range/Performance) Part analyses reflect part numbers: 06J 133 185 DT and 06J 133 185 EQ 16x Part Cracked 7x Binding Gear 6x Contaminated by carbon 3x Noisy 2x Bad (Implausible Poti signal) 1x Stuck Open 1x Stuck Closed 1x Plate Sticks 39x No trouble found</p> <p>Failure Analysis: Intake manifold runner can separate internally and will not operate correctly with the regulator valve. A malfunctioning intake manifold runner may cause a MIL on condition.</p>			12379	325
377	<p>-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. -Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system.</p> <p>Model Year/Model/Production Software/Replacement Software 2013 56, 574G0906014B V00074G0906014B V0009 2013584H0907557E V00034H0907557E V0004 2014584H0907557E V00034H0907557E V0004 201456, 574G0906014E V00044G0906014E V0006 2014R574G0906560B V00064G0906560B V0008</p>			4364	4364
378	<p>-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. -Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system.</p> <p>Model Year/Model/Production Software/Replacement Software 2013 56, 574G0906014B V00074G0906014B V0009 2013584H0907557E V00034H0907557E V0004 2014584H0907557E V00034H0907557E V0004 201456, 574G0906014E V00044G0906014E V0006 2014R574G0906560B V00064G0906560B V0008</p>			3930	3930
379	<p>The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Codes (DTC) flagging a problem with the evaporative emissions system and causing the replacement of the Diagnostic Module Tank Leakage (DMTL) pump. The 45% of the replaced DMTL pumps that were investigated, were determined to be no fault found. Root cause in these cases was determined</p>			2425	232
380	<p>-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. -Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system.</p> <p>Model Year/Model/Production Software/Replacement Software 2015A8L4H0906014J V00054H0906014J V0006 2015S84H0907557D V00054H0907557D V0006 2016R57/R57 Perf4G0906560G V00014G0906560G V0002 2016S84H0907557F V00024H0906557F V0003 2016S84H0907557H V00014H0907557H V0002 2016A8L4H0906014N V00014H0906014N V0002 201656, 574G0906014D V00024G0906014D V0002</p>			3076	3076

	A	B	C	D	E	F	G	H	I	J	K	L
381	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	ASL	
382	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000661	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS	
383	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000661	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS	
384	Porsche AG	PRX	New Submission	Submitted	10/25/2018 13:30:11		PRX-DR-2018-0000663	Defect Report	DR - Hybrid Vehicle System	Porsche	Panamera S E-Hybrid	3.0L
385	BMW	BMX	Correction	Submitted	10/30/2018 12:06:45		BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	540i xDrive	
386	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
387	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
388	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A7 quattro	
389	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 xDrive28i	
390	BMW	BMX	New Submission	Superseded	11/21/2018 3:56:55	11/21/2018 7:13:49	BMX-DR-2018-0000732	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330e	
391	BMW	BMX	New Submission	Superseded	11/21/2018 3:56:55	11/21/2018 7:13:49	BMX-DR-2018-0000732	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330e	
392	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X3 xDrive28d	

	M	N	O	P
381		GVGAM04.0N1A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
382		DTYXV01.8HC3	2013	Hybrid Vehicle System
383		ATYXV01.8HC3	2010	Hybrid Vehicle System
384	Automatic:	FPRXJ03.0PHV	2015	Hybrid Vehicle System
385		HBMXV03.0BSX	2017	Electrical Wiring, Sensor, and Actuator Systems
386		FVGAI03.0N14	2015	Electrical Wiring, Sensor, and Actuator Systems
387		GVGAI03.0N14	2016	Electrical Wiring, Sensor, and Actuator Systems
388		GVGAI03.0N14	2016	Electrical Wiring, Sensor, and Actuator Systems
389		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
390		JBMXV02.0H48	2018	On-Board Diagnostic (OBD) System
391		HBMXV02.0H48	2017	On-Board Diagnostic (OBD) System
392		FBMXT02.0N47	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
393	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X3 xDrive28d	
394	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive	
395	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive Sports Wagon	
396	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive	
397	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
398	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
399	Hyundai Motor Company	HYX	New Submission	Submitted	11/27/2018 9:08:23		HYX-DR-2018-0000735	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Santa Fe AWD	
400	BMW	BMX	New Submission	Submitted	11/21/2018 5:15:37		BMX-DR-2018-0000733	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li	
401	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:38:16		MBX-DR-2018-0000717	Defect Report	DR - On-Board Diagnostic (OBD) System			
402	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:43:40		MBX-DR-2018-0000718	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
403	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
404	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
405	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
406	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/13/2018 13:33:59		NSX-DR-2018-0000697	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	
407	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/13/2018 13:33:59		NSX-DR-2018-0000697	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA SR/PLATINUM	
408	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	NISSAN	PR-S	
409	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	XV CROSSTREK AWD	
410	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA WAGON/OUTBACK SPORT AWD	

	M	N	O	P
393		HBMXT02.0N47	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
394		FBMXV02.0N47	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
395		EBMXV02.0N47	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
396		GBMXV02.0N47	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
397		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
398		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
399		KHYXV02.4MHS	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
400		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
401		EMBXV05.SU2B	2014	On-Board Diagnostic (OBD) System
402		GMBXV04.0U2A	2016	Exhaust System (Other than EGR and Catalyst Systems)
403		JMBXV04.0U2A	2018	On-Board Diagnostic (OBD) System
404		HNBXV02.0U2C	2017	On-Board Diagnostic (OBD) System
405		JMBXV03.0U2A	2018	On-Board Diagnostic (OBD) System
406		KVSV02.5RPA	2019	On-Board Diagnostic (OBD) System
407		KVSV02.5RPA	2019	On-Board Diagnostic (OBD) System
408		DFXV02.0AJM	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
409		EFJX02.5NKR	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
410		CFJX02.5MXG	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
393	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	3/31/2016	7/30/2017	15	15
394	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701
395	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
396	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
397	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
398	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701
399	Some 2019MY Santa Fe vehicles with 2.4L GDI engine may experience an unintentional vibration when the off ISG is in the off condition.				
400	Hyundai will change the TPS close angle to improve this problem when the ISG is turned off.			10153	14
401	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17230	1037
402	Daimler AG has determined that on certain S-Class (platforms 217 and 222) vehicles in one special use case the software might detect a misfire even when no misfire occurred. The issue only occurs when driving down a hill while catalyst heating may be necessary (about max. 60 seconds after cold start of the engine). In this case, the Malfunction Indicator Lamp (MIL) would erroneously			13491	0
403	Daimler AG has determined that on certain C-Class (platform 205) and GT/GTS-Class (platform 190) vehicles with 8 cylinder gasoline engines a logic error in the software may result in increased emissions over time the exhaust system ages (more than 62,000 miles mileage).			3431	0
404	Daimler AG has determined that certain E-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning di			1873	0
405	Daimler AG has determined that certain E-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning di			51905	0
406	Daimler AG has determined that certain E-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning di			5400	0
407	Shortly before the start of production for 2019 Nissan Altima (2.5L) vehicles, a false MIL illumination was detected for a heater O2 sensor fault on high altitude / long drive validation testing. To address the potential for false MIL illumination, updated ECM software was created. It was prematurely loaded into the ECM programmi	8/20/2018	10/16/2018	12836	3299
408	Shortly before the start of production for 2019 Nissan Altima (2.5L) vehicles, a false MIL illumination was detected for a heater O2 sensor fault on high altitude / long drive validation testing. To address the potential for false MIL illumination, updated ECM software was created. It was prematurely loaded into the ECM programmi	8/20/2018	10/16/2018	12836	3299
409	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.			34752	6
410	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.			1	0
411	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.			4494	1

	A	B	C	D	E	F	G	H	I	J	K	L
411	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
412	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
413	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
414	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
415	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
416	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
411		GMBXV05.SU2A	2016	Catalyst System
412		JMBXJ02.0U2C	2018	On-Board Diagnostic (OBD) System
413		EMBXV03.SU2C	2014	On-Board Diagnostic (OBD) System
414		HMBXV02.0HY1	2017	On-Board Diagnostic (OBD) System
415		JMBXJ04.0U2A	2018	On-Board Diagnostic (OBD) System
416		HMBXT04.0U2A	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
411	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			1387	0
412	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			78571	0
413	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			12148	0
414	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			520	0
415	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			9921	0
416	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			1611	0

	A	B	C	D	E	F	G	H	I	J	K	L
417	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
418	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
419	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
420	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
421	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
422	BMW	BMX	New Submission	Submitted	12/3/2018 3:27:51		BMX-DR-2018-0000747	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	

	M	N	O	P
417		GMBXJ02.0U28	2016	On-Board Diagnostic (OBD) System
418		FMBXT05.SU2A	2015	On-Board Diagnostic (OBD) System
419		EMBXT03.SU2A	2014	On-Board Diagnostic (OBD) System
420		FMBXV02.0U2C	2015	On-Board Diagnostic (OBD) System
421		EMBXV05.SU2A	2014	On-Board Diagnostic (OBD) System
422		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
417	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			29790	0
418	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			6989	0
419	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			24106	0
420	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			2442	0
421	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			22689	0
422	<p>The affected part number 16127207422 and 16127207423 relate to the REAR FUEL RETURN LINE (RETURN PIPE). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBKMT03.0N57, a final decision based on the final analysis results is expected in Q1/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mils; equivalent to EDIR-DE-NS7-0177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL RETURN LINE (RETURN PIPE) is/was working properly and has/had no malfunction.</p>	7/31/2016	7/31/2017	2614	544

	A	B	C	D	E	F	G	H	I	J	K	L
423	BMW	BMX	New Submission	Submitted	12/3/2018 8:08:18		BMX-DR-2018-0000752	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
424	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328Ci	
425	BMW	BMX	New Submission	Submitted	11/29/2018 11:38:59		BMX-DR-2018-0000742	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
426	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4x2	
427	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:45:25		CRX-DR-2018-0000781	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler 4x4	
428	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:59:46		CRX-DR-2018-0000783	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	
429	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
430	Jaguar Land Rover Limited	JLX	New Submission	Superseded	12/18/2018 16:02:03	7/19/2019 15:59:19	JLX-DR-2018-0000787	Defect Report	DR - On-Board Diagnostic (OBD) System			
431	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	12/19/2018 9:19:55	10/28/2019 18:19:40	NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO AWD	
432	Hyundai Motor Company	HYX	New Submission	Submitted	12/6/2018 14:27:40		HYX-DR-2018-0000763	Defect Report	DR - On-Board Diagnostic (OBD) System	GENESIS	G80 RWD	
433	Hyundai Motor Company	HYX	New Submission	Submitted	12/6/2018 14:29:27		HYX-DR-2018-0000759	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	GENESIS	G90 AWD	
434	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S COUNTRYMAN	
435	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS CLUBMAN ALL4	

	M	N	O	P
421		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
424		9BMXV03.0N51	2009	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
425		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
426		KCRXT03.65P7	2019	On-Board Diagnostic (OBD) System
427		JCRXT02.0SP1	2018	On-Board Diagnostic (OBD) System
428		JCRXT03.65P3	2018	On-Board Diagnostic (OBD) System
429		DADXV05.2LR8	2013	On-Board Diagnostic (OBD) System
430		JJLXJ02.0RTX	2018	On-Board Diagnostic (OBD) System
431		FNSXV03.5G7C	2015	Heating, Ventilation, and Air Conditioning (HVAC) System
432		KHYXV05.0HMS	2019	On-Board Diagnostic (OBD) System
433		JHYXV05.01S5	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
434		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
435		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
436	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CONVERTIBLE	
437	BMW	BMX	Correction	Submitted	12/10/2018 6:27:56		BMX-DR-2018-0000755	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
438	BMW	BMX	Correction	Submitted	12/10/2018 6:36:31		BMX-DR-2018-0000757	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
439	BMW	BMX	Correction	Submitted	12/10/2018 6:36:31		BMX-DR-2018-0000757	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
440	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/11/2018 19:14:42		HNX-DR-2018-0000768	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	RIDGELINE AWD	
441	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD	
442	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD ASPEC	
443	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX FWD	
444	BMW	BMX	New Submission	Submitted	12/20/2018 4:55:35		BMX-DR-2018-0000789	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	Mini Cooper S Countryman All4	
445	BMW	BMX	New Submission	Submitted	12/20/2018 4:55:35		BMX-DR-2018-0000789	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	Mini Cooper S Countryman	
446	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/19/2018 17:39:51	2/5/2019 12:41:50	HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD	
447	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/19/2018 17:39:51	2/5/2019 12:41:50	HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD	
448	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	JETTA SPORTWAGEN	
449	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta	

	M	N	O	P
436		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
437		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
438		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
439		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
440		HHNXV03.5WW4	2017	On-Board Diagnostic (OBD) System
441 9AT		JHNV03.5LH3	2018	On-Board Diagnostic (OBD) System
442 9AT		JHNV03.5LH3	2018	On-Board Diagnostic (OBD) System
443 9AT		HHNV03.5VH3	2017	On-Board Diagnostic (OBD) System
444		GBMXV01.6N18	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
445		GBMXV01.6N18	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
446		KHNV03.5HH3	2019	On-Board Diagnostic (OBD) System
447		KHNV03.5HH3	2019	On-Board Diagnostic (OBD) System
448		EWXV02.5A59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
449		EWXV02.5M59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
450	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	JETTA SPORTWAGEN	
451	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BETTER	
452	Toyota Motor Corporation	TYX	New Submission	Submitted	1/28/2019 12:33:22		TYX-DR-2019-0000001	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	COROLLA HATCHBACK	
453	Volkswagen	VWX	New Submission	Submitted	12/21/2018 10:11:10		VWX-DR-2018-0000802	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	Jetta	
454	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Audi	S3	
455	Audi	ADX	New Submission	Submitted	12/21/2018 11:37:39		ADX-DR-2018-0000805	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GTI	
456	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETTER	

	M	N	O	P
450		DVWXV02.5M59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
451		DVWXV02.5M59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
452		KTYXV02.0N48	2019	Drivetrain/Transmission System
453		DVWXV02.03PA	2013	Air Inlet System (including Turbo and Superchargers)
454		FVGAV02.0AUJA	2015	Drivetrain/Transmission System
455		EADKV02.03PA	2014	On-Board Diagnostic (OBD) System
456		DVWXV02.03UJA	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
450	<p>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected ? fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</p>			6133	156
451	<p>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected ? fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</p>			6133	156
452	The subject vehicles are equipped with a Continuously Variable Transmission (CVT) assembly that uses a pump impeller and transmission oil in the torque converter to transfer engine power from the engine to the transmission. There is a possibility that, due to an error in the manufacturing process at the facility where the torque converters were assembled, some of the blades of the p			3424	3424
453	<p>ComplaintMIL on Rattle noise from engine</p> <p>DTCs PresentP0299 - Turbocharger Underboost P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance P0234 - Turbocharger Overboost</p> <p>ComponentTurbocharger Part Number ? ProductionDADXXV02.03PA:06J 145 713 F DVWXXV02.03PA:06J 145 713 F EADXXV02.03PA:06J 145 713 F EVWXXV02.03SA:06J 145 713 F / 06J 145 713 AF</p> <p>Part Number ? Replacement06J 145 713 FX Part Number ? Analysis 06J 145 713 F AnalysisStuck control-rod (28.6%) Sticking control-rod (23.8%) Wastegate has too much play (9.5%) Control-rod loose by pin (4.6%) No Trouble Found (33.3%)</p>			32748	157
454	<p>ComplaintNot Applicable DTCs PresentNot Applicable ComponentTransmission Control Software Calibration Part Number - ProductionNA Part Number - Replacement02E300062K V4002 09G92750PE V2630 0C9300045J V6403 09D300012 V4521 0D9300012 V4939 Part Number - Analysis 03H90600238M V6179 03H90600238M V6875 03H906023CJ V2136 03H906023DC V3177 04E906023AE V1702 06J906027HD V7871 0D9300012L V4932 0D9300012 V4905</p> <p>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>			4	4
455	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:1K0907115AF_0010 Part Number ? Replacement:To be determined Part Number ? Analysis:See attached table</p> <p>Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software EADXXV02.03PAGOLF 2.0 GTI 147 D6F2014QBD Phase in 1K0907115AF_0020</p>			1	1
456	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table</p> <p>Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L2013QBD Phase in 06J906027DD_4111 DVWXXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV2013QBD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXXV02.0U36VW Jetta (2.0)2013QBD Phase in 06G9060555_1103 DVWXXV02.SAS9VW Beetle/Convertible, Golf, Passat, Jetta 2.5L PZEV Automatic2013QBD Phase in 07K906055A_9214 07K906055AL_3690 07K9060550D_4138 DVWXXV02.5MS9VW Beetle/Convertible, Golf, Passat, Jetta 2.5L PZEV Manual2013QBD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXXV03.6U46VW Passat CC (3.6 FSI)2013QBD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185

	A	B	C	D	E	F	G	H	I	J	K	L
457	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	
458	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
459	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BEETLE CONVERTIBLE	
460	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
461	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
462	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BEETLE	
463	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:56:53		GMX-DR-2018-0000790	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
464	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:57:51		GMX-DR-2018-0000773	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
465	Jaguar Land Rover Limited	JLX	New Submission	Submitted	5/30/2019 10:25:26		JLX-DR-2019-0000380	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
457		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
458		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
459		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
460		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
461		DVWXV02.0U36	2013	On-Board Diagnostic (OBD) System
462		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
463		KGMMKT01.5090	2019	Electrical Wiring, Sensor, and Actuator Systems
464		CGMMX02.4151	2012	Electrical Wiring, Sensor, and Actuator Systems
465		JLUXJ02.0RTX	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U	
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			235	235	
457						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			3	3	
458						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			235	235	
459						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			235	235	
460						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			235	235	
461						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			1	1	
462						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			3	3	
463	In certain vehicles the pre-catalyst oxygen sensors may fail due to cracking of the sensor's internal sensing element. Certain operating conditions may lead to element degradation making it susceptible to cracking under vibration or shock.				136496	48
464	In certain vehicle the camshaft position actuator oil control solenoid valve (OCV) may fail due to excessive internal wear between components or a broken internal electrical wire.				32640	2218
	<p>Failed Malfunction Indicator Light illumination. Normal operation requires MIL illumination where Fueling Adaption values are between 0.07% to 0.08% and -0.07% to -0.08% additionally a Diagnostic Trouble Code is set. Investigation has revealed MIL illumination will not occur between 0.0798% to 0.08% and -0.0798% to -0.08%.</p>				26966	91
465						

	A	B	C	D	E	F	G	H	I	J	K	L
466	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Beetle	
467	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
468	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A4 quattro	
469	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A5 quattro	
470	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3 quattro	
471	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3	

	M	N	O	P
466		JVGAV02.0V3R	2018	Electrical Wiring, Sensor, and Actuator Systems
467		HVGAI02.0AUF	2017	Electrical Wiring, Sensor, and Actuator Systems
468		JVGAI02.0AAC	2018	Electrical Wiring, Sensor, and Actuator Systems
469		HVGAI02.0AUF	2017	Electrical Wiring, Sensor, and Actuator Systems
470		HVGAV02.0APA	2017	Electrical Wiring, Sensor, and Actuator Systems
471		HVGAV02.0ASA	2017	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
472	BMW	BMX	New Submission	Submitted	2/15/2019 7:10:12		BMX-DR-2019-0000122	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
473	BMW	BMX	Correction	Submitted	7/4/2019 3:05:05		BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	M850i xDrive Coupe	
474	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX	
475	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/5/2019 18:40:08		NSX-DR-2019-0000009	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	NISSAN	TITAN 4WD	
476	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V FWD	
477	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
478	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	1.5L
479	Ford Motor Company	FMX	Correction	Submitted	5/31/2019 15:03:14		FMX-DR-2018-0000274	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
480	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
481	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
482	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
483	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
484	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
485	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive	
486	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Convertible	

	M	N	O	P
472		JBMT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
473		KBMXJ04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
474		FHNXV03.5WA4	2015	On-Board Diagnostic (OBD) System
475		HNSXT05.6N9A	2017	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
476		JHNXT01.51R3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
477		HNNXV01.5S62	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
478		HNNXV01.5S62	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
479		FFMXV01.5V21	2015	Electrical Wiring, Sensor, and Actuator Systems
480		BMBXT03.0HD2	2011	Electrical Wiring, Sensor, and Actuator Systems
481		DMBXT03.0HD2	2013	Electrical Wiring, Sensor, and Actuator Systems
482		BMBXT03.0HD1	2011	Electrical Wiring, Sensor, and Actuator Systems
483		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
484		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
485		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
486		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
487	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i	
488	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
489	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
490	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e xDrive	
491	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 sDrive30i	
492	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	

	M	N	O	P
487		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
488		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System
489		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
490		KBMXV02.0H30	2019	On-Board Diagnostic (OBD) System
491		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
492		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
493	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i	
494	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
495	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Coupe	
496	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Coupe	
497	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
498	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	

	M	N	O	P
493		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
494		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
495		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
496		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
497		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
498		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
499	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M340i	
500	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
501	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	
502	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
503	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	
504	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive	

	M	N	O	P
499		LBMX03.0B5X	2020	On-Board Diagnostic (OBD) System
500		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
501		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
502		JBMXV03.0B5S	2018	On-Board Diagnostic (OBD) System
503		JBMXV03.0B5S	2018	On-Board Diagnostic (OBD) System
504		JBMXV03.0B5S	2018	On-Board Diagnostic (OBD) System

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505	BMW	BMX	New Submission	Submitted	2/15/2019 7:42:02		BMX-DR-2019-0000138	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
506	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/19/2019 13:40:57		NSX-DR-2019-0000117	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	TITAN 2WD	
507	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/20/2019 9:27:26		NSX-DR-2019-0000145	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	Rogue Sport AWD	
508	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/20/2019 9:27:26		NSX-DR-2019-0000145	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	Rogue Sport	
509	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental Supersports	
510	Mercedes Benz	MBX	New Submission	Submitted	8/8/2019 2:55:16		MBX-DR-2019-0000614	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
511	FCAUS LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4x4	
512	FCAUS LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4x2	
513	Mazda Motor Corporation	TKX	New Submission	Submitted	7/5/2019 0:36:11		TKX-DR-2019-0000502	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	MAZDA	Mazda3 4-Door 2WD	
514	Mazda Motor Corporation	TKX	New Submission	Submitted	7/5/2019 0:36:11		TKX-DR-2019-0000502	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
515	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A4	
516	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Beetle	
517	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Tiguan	
518	FCAUS LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4x2	
519	FCAUS LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4x2	

	M	N	O	P
505		JBMT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
506		HN5XT05.6N9A	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
507		HN5XV02.0PMA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
508		HN5XV02.0PMA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
509		CBEXV06.0501	2012	Exhaust System (Other than EGR and Catalyst Systems)
510		FMBXV01.8U2A	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
511		KCRXT02.4SP5	2019	Electrical Wiring, Sensor, and Actuator Systems
512		KCRXT02.4SP4	2019	Electrical Wiring, Sensor, and Actuator Systems
513		KTKXV02.5CDA	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
514		KTKXT02.5CDA	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
515		HVGAJ02.0AAC	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
516		JVSAV02.0V3R	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
517		JVGAJ02.0A3A	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
518		GCRXT05.7SP0	2016	Exhaust System (Other than EGR and Catalyst Systems)
519		HCRXT05.7SP1	2017	Exhaust System (Other than EGR and Catalyst Systems)

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520	PCAUS LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4X2	
521	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
522	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
523	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
524	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
525	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima S	
526	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima FE	

	M	N	O	P
520		JCRX05.75P2	2018	Exhaust System (Other than EGR and Catalyst Systems)
521		DHYXV02.01FE	2013	Electrical Wiring, Sensor, and Actuator Systems
522		FHYXV02.41WE	2015	Electrical Wiring, Sensor, and Actuator Systems
523		GHYXV02.41WE	2016	Electrical Wiring, Sensor, and Actuator Systems
524		FHYXV02.01VE	2015	Electrical Wiring, Sensor, and Actuator Systems
525		JHYXV02.4AJ3	2018	Electrical Wiring, Sensor, and Actuator Systems
526		JHYXV02.4AJ3	2018	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p>			147677	7
520					
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			25592	0
521					
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			12700	0
522					
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			48290	0
523					
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			12116	0
524					
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			36411	0
525					
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			36411	0
526					

	A	B	C	D	E	F	G	H	I	J	K	L
527	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
528	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	
529	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
530	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	
531	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	OPTIMAFE	
532	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	

	M	N	O	P
527		BHYXV02.42JP	2014	Electrical Wiring, Sensor, and Actuator Systems
528		GHYXV02.0AHE	2016	Electrical Wiring, Sensor, and Actuator Systems
529		GHYXV02.0AHE	2016	Electrical Wiring, Sensor, and Actuator Systems
530		DHYXV02.41UE	2013	Electrical Wiring, Sensor, and Actuator Systems
531		GHYXV02.4BJ2	2016	Electrical Wiring, Sensor, and Actuator Systems
532		HHYXV02.01VF	2017	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
533	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE AWD	
534	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	
535	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
536	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	
537	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson FWD	
538	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	

	M	N	O	P
533		HHYXV02.01VF	2017	Electrical Wiring, Sensor, and Actuator Systems
534		GHYXV02.4AJ4	2016	Electrical Wiring, Sensor, and Actuator Systems
535		HHYXV02.41W5	2017	Electrical Wiring, Sensor, and Actuator Systems
536		EHYXV02.01VE	2014	Electrical Wiring, Sensor, and Actuator Systems
537		JHYXV02.01UF	2018	Electrical Wiring, Sensor, and Actuator Systems
538		BHYXV02.4YWS	2011	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
539	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	
540	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
541	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima FE	
542	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
543	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
544	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A8	

	M	N	O	P
539		JHYXV02.4AJ5	2018	Electrical Wiring, Sensor, and Actuator Systems
540		JHYXV02.4AJ5	2018	Electrical Wiring, Sensor, and Actuator Systems
541		JHYXV02.4AJ5	2018	Electrical Wiring, Sensor, and Actuator Systems
542		GHYXV02.4B12	2016	Electrical Wiring, Sensor, and Actuator Systems
543		HHYXV02.01VF	2017	Electrical Wiring, Sensor, and Actuator Systems
544		FVGAV03.0AU6	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): PVGA03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AU: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement: 06E198201B (includes: left fuel rail 06E133.681.L and right fuel rail 06E133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>PVGA03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AU: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p>				
545	Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.			22379	22379
546	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	5011	0
547	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	5011	0
548	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	5011	0
549	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	5011	0
550	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2018	4/30/2019	1180	0
551	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2018	4/30/2019	129	0
552	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2018	4/30/2019	41	0
	<p>Analyses have shown, that in about 43% of all cases the component fuel injector was replaced due to a valid malfunction of the component fuel injector itself. Based on poor diesel fuel quality an extended plate-out/coat inside the injector is possible. This coat results in an increased pilot injections correction. If the adaption limit monitoring/corrected energizing time exceeds a time threshold (e.g. 250 Tsec), a corresponding OBD fault code (e.g. DTC P0220 for injector 1) including MIL illumination is set (injection quantity monitoring /Zero Fuel Calibration (ZFC)). In about 50% of all cases the component injector was replaced besides the malfunctioning component high pressure fuel pump (according service instruction) due to contamination of the high/low pressure system with cuttings (please see also e.g. EDIR-0P-A47/AS7-0207 or EDIR-OH-NS7-0241). In the other about 7% the component fuel injector was replaced without any valid reason (e.g. no corresponding fault code indicating a malfunctioning fuel injector).</p>	6/30/2016	6/29/2017	1502	269
	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			9946	111
	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			2257	93
	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			6681	208
552	Following NOx sensor components have been introduced into production and as spare parts in service during the specific time periods: <p>10/13 - 07/16:</p> <p>NOx sensor (downstream) with part number 13628576469 (models 328d and X5 xDrive35d),</p> <p>NOx sensor (downstream) with part number 13628576470 (model X3 xDrive28d),</p> <p>NOx sensor (downstream) with part number 13628576471 (models 535d and 740Ld xDrive)</p> <p>NOx sensor (upstream) with part number 13628576471 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>07/16 - now:</p> <p>NOx sensor (upstream) with part number 13628589846 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>NOx sensor (downstream) with part number 13628589845 (model X3 xDrive28d)</p> <p>NOx sensor (downstream) with part number 13628589844 (models 328d and X5 xDrive35d)</p> <p>NOx sensor (downstream) with part number 13628589846 (models 535d and 740Ld xDrive)</p> <p>Components with part numbers 13628589844, 13628589845, 13628589846 are improved / more robust NOx sensors, which have been used as spare part in service since 07/2016, whenever NOx sensors with above listed part numbers used before 07/16 were malfunctioning. Analysis have shown that component NOx sensor (up- and downstream) with above listed part numbers used before 07/16 have been replaced due to a Magnesium intoxication (major root cause of all malfunctions) as well as due to other permanent or temporarily errors as electrical malfunctions (short to ground or open circuit), all with a corresponding OBD fault code storage and MIL illumination.</p>	6/30/2015	6/29/2016	1579	513
553	Since 07/16 the component NOx sensor up- and downstream with part numbers 13628589844, 13628589845, 13628589846 have been used in production and as spare parts in service. Those components have/had no malfunctions and are/were working properly.			135886	15012
554	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			2954	80
555	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			13205	355
556	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			44926	457
557	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			129551	1269
558	An incorrect specification front exhaust tube (with catalytic converter included) may have been installed on a limited number of 2019 Nissan Altima vehicles. This error is due to the part pick area operator sending non-US parts to the assembly line to support a trial build.	10/25/2018	10/25/2018	48	6

	A	B	C	D	E	F	G	H	I	J	K	L
564	Mercedes Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000320	Defect Report	DR - Selective Catalytic Reduction System			
565	General Motors LLC	GMX	New Submission	Submitted	3/12/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
566	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
567	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
568	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
569	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
570	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
571	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
572	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
573	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
574	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
575	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
576	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
577	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
578	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
579	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
580	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/7/2019 10:47:36		NSX-DR-2019-0000293	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX50 AWD	
581	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 10:18:09		GMX-DR-2019-0000344	Defect Report	DR - Crankcase Ventilation System	Chevrolet	SONIC	
582	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 10:18:09		GMX-DR-2019-0000344	Defect Report	DR - Crankcase Ventilation System	Chevrolet	CRUZE	
583	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 11:17:03		GMX-DR-2019-0000345	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
584	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 11:17:03		GMX-DR-2019-0000345	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
585	Kia Motors Corporation	KMX	New Submission	Submitted	3/14/2019 16:56:08		KMX-DR-2019-0000209	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Rio	
586	Kia Motors Corporation	KMX	New Submission	Submitted	8/15/2019 10:54:09		KMX-DR-2019-0000640	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sedona	
587	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:30:55		HYX-DR-2019-0000642	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	KIA	Optima	
588	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:30:55		HYX-DR-2019-0000642	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	KIA	Optima FE	
589	FCA US LLC	CRX	New Submission	Submitted	3/22/2019 10:26:44		CRX-DR-2019-0000221	Defect Report	DR - On-Board Diagnostic (OBD) System			
590	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 2WD	
591	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/26/2019 15:51:57		VGA-DR-2019-0000663	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Beetle Convertible	
592	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/26/2019 15:51:57		VGA-DR-2019-0000663	Defect Report	DR - Selective Catalytic Reduction System	Audi	A3	
593	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Passat	
594	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:28		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	JOHN COOPER WORKS CONVERTIBLE	

	A	B	C	D	E	F	G	H	I	J	K	L
595	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	allroad quattro	
596	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo Sport Turismo	4L
597	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 Executive	3L
598	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S Executive	2.9L
599	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-hybrid Executive	2.9L
600	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera	3L
601	Porsche AG	PRX	New Submission	Submitted	9/11/2019 9:47:32		PRX-DR-2019-0000684	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayman S	2.5L
602	Porsche AG	PRX	New Submission	Submitted	9/11/2019 9:47:32		PRX-DR-2019-0000684	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Boxster S	2.5L
603	Porsche AG	PRX	New Submission	Submitted	9/11/2019 9:47:32		PRX-DR-2019-0000684	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Boxster	3L
604	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4S	3L
605	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4S Cabriolet	3L
606	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4S Cabriolet	3L
607	General Motors LLC	GMX	New Submission	Submitted	9/16/2019 9:19:50		GMX-DR-2019-0000654	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
608	Audi	ADX	New Submission	Submitted	9/17/2019 15:34:42		ADX-DR-2019-0000707	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	R55	
609	Audi	ADX	New Submission	Submitted	9/17/2019 15:34:42		ADX-DR-2019-0000707	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	R55 Cabriolet	
610	Mercedes-Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
611	Mercedes-Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
612	Kia Motors Corporation	KMX	New Submission	Submitted	7/25/2019 13:59:05		KMX-DR-2019-0000548	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sedona	
613	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
614	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
615	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
616	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
617	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
618	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
619	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
620	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
621	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
622	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
623	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:05:44		FIX-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	WRX	
624	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC60 AWD	

	G	R	S	T	U	
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number ? 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number ? Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number ? Analysis: Not applicable</p> <p>Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.</p> <p>596 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>597 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>598 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>599 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>600 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>601 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>602 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>603 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>604 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>605 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>606 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>607 Under certain conditions, data in the Engine Control Module (ECM) used for fuel injector control may become corrupted and disable all fuel injectors.</p>					6226133436
	<p>Complaint: Customer complaints related to a rattle heard from transmission at idle speed along with a rough/harsh shift behavior experienced during deceleration and when coming to a stop. In some situations the MIL is turned on.</p> <p>DTCs Present: P281C (Pressure Control Solenoid "H" Control Circuit Range/Performance)</p> <p>P2728 (Pressure Control Solenoid "E" Control Circuit Range/Performance)</p> <p>P2737 (Pressure Control Solenoid "F" Control Circuit Range/Performance)</p> <p>P2813 (Pressure Control Solenoid "G" Control Circuit Range/Performance)</p> <p>Component: TCM Software</p> <p>Part Number ? Production: 8T0927156H/0005</p> <p>Part Number ? Replacement: 8T0927156H/0006</p> <p>Part Number ? Analysis: 8T0927156H/0005</p> <p>Analysis: In affected vehicles, thermal management and solenoid valve pressure in the transmission may cause a rough/harsh shifting behavior during deceleration and when stopping the vehicle.</p>					170377
	<p>Complaint: Customer complaints related to a rattle heard from transmission at idle speed along with a rough/harsh shift behavior experienced during deceleration and when coming to a stop. In some situations the MIL is turned on.</p> <p>DTCs Present: P281C (Pressure Control Solenoid "H" Control Circuit Range/Performance)</p> <p>P2728 (Pressure Control Solenoid "E" Control Circuit Range/Performance)</p> <p>P2737 (Pressure Control Solenoid "F" Control Circuit Range/Performance)</p> <p>P2813 (Pressure Control Solenoid "G" Control Circuit Range/Performance)</p> <p>Component: TCM Software</p> <p>Part Number ? Production: 8T0927156H/0005</p> <p>Part Number ? Replacement: 8T0927156H/0006</p> <p>Part Number ? Analysis: 8T0927156H/0005</p> <p>Analysis: In affected vehicles, thermal management and solenoid valve pressure in the transmission may cause a rough/harsh shifting behavior during deceleration and when stopping the vehicle.</p>					170377
	<p>On certain six-cylinder diesel GL/ML/S 350 BlueTec vehicles, the clean air line could have failed due to signal range check faults. These could be caused by incorrect reinstallation of the connectors of the air mass flow sensor and temperature sensor during repair and maintenance work on various components that require the installation and removal of the clean air line. The air mass flow sensor and temperature sensor are part of the clean air line.</p> <p>This leads to deviation of range of the measured air mass and air temperature to the calibration. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer. In this case, an emission influence is not expected. The incorrect reinstallation is a deviation from our work instruction.</p>					56260
	<p>On certain six-cylinder diesel GL/ML/S 350 BlueTec vehicles, the clean air line could have failed due to signal range check faults. These could be caused by incorrect reinstallation of the connectors of the air mass flow sensor and temperature sensor during repair and maintenance work on various components that require the installation and removal of the clean air line.</p> <p>This leads to deviation of range of the measured air mass and air temperature to the calibration. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer. In this case, an emission influence is not expected. The incorrect reinstallation is a deviation from our work instruction.</p>					7216112
	<p>Some 2019*2020 model year KIA Sedona equipped with 3.3L engine have experienced a malfunction indicator light (MIL) illumination with a Diagnostic trouble code (DTC) P0456. Code P0456 indicates a small leak detected in the Evaporative Emissions (EVAP) system. According to the investigation, the main cause is an improper data calibration for leakage diagnosis. This occurs when t</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p> <p>On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.</p>					122595604061291065402850431446977958661645458410825480611
	<p>On certain vehicles, the six (6) front exhaust pipe nuts at the cylinder heads may not have been tightened sufficiently due to variations in production. As a result, these nuts may become loose during use and cause exhaust leakage that may fail to meet emission-related regulations.</p>					198323
	<p>Cap less unit lower flap open/close function not robust enough. Therefore may intermittently not seal properly after refuelling.</p>					14461446

	A	B	C	D	E	F	G	H	I	J	K	L
625	Volvo Car USA, LLC	VXX	Correction	Submitted	5/9/2019 10:06:13		VXX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 CC AWD	
626	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
627	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 ST	3L
628	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4	3L
629	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S Sport Turismo	2.9L
630	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER COUNTRYMAN	
631	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER HARDTOP 4 DOOR	
632	Mazda Motor Corporation	TKX	New Submission	Submitted	2/7/2019 21:12:58		TKX-DR-2019-0000056	Defect Report	DR - On-Board Diagnostic (OBD) System	MAZDA	MX-5	
633	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			
634	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			
635	Kia Motors Corporation	KMX	New Submission	Superseded	2/18/2019 14:28:40	2/18/2019 14:36:51	KMX-DR-2019-0000154	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
636	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	4/24/2019 12:40:13		NSX-DR-2019-0000283	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA SR/PLATINUM	
637	Volkswagen Group of America, Inc.	VGA	Correction	Superseded	7/23/2019 13:10:06	8/5/2019 14:23:10	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	Q8	
638	Volkswagen Group of America, Inc.	VGA	Correction	Superseded	7/23/2019 13:10:06	8/5/2019 14:23:10	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Atlas	
639	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	7/26/2019 14:54:04		HNX-DR-2019-0000573	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX	3.5L
640	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger SRT8	
641	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee Trailhawk 4x4	
642	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 HFE 4x2	
643	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x2	
644	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x4	
645	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Charger	
646	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Town & Country	
647	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler Unlimited 4x4	
648	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4	
649	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A7 quattro	
650	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Tiguan	

	M	N	O	P
625		JVWXJ02.0B70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
626		PJLXV03.0PSP	2015	Air Inlet System (Including Turbo and Superchargers)
627 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
628 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
629 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
630		KBMXV01.5MSX	2019	On-Board Diagnostic (OBD) System
631		KBMXV01.5K56	2019	On-Board Diagnostic (OBD) System
632		HTKV02.0F8B	2017	On-Board Diagnostic (OBD) System
633		GMAXV04.7LEV	2016	Drivetrain/Transmission System
634		BMAXV04.7LEV	2011	Drivetrain/Transmission System
635		HKMXV01.6D43	2017	On-Board Diagnostic (OBD) System
636		KVSV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
637		KVGAJ03.0NAM	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
638		KVGAT03.6VA5	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
639		FHNXV03.5WA4	2015	On-Board Diagnostic (OBD) System
640		GCRXV06.25P3	2016	Exhaust Gas Recirculation (EGR) System
641		HCRT03.25P1	2017	Exhaust Gas Recirculation (EGR) System
642		GCRX03.65P3	2016	Exhaust Gas Recirculation (EGR) System
643		HCRT05.75P1	2017	Exhaust Gas Recirculation (EGR) System
644		HCRT05.75P1	2017	Exhaust Gas Recirculation (EGR) System
645		GCRX05.75P1	2016	Exhaust Gas Recirculation (EGR) System
646		GCRX03.65P3	2016	Exhaust Gas Recirculation (EGR) System
647		GCRX03.65P3	2016	Exhaust Gas Recirculation (EGR) System
648		GCRX03.65P3	2016	Exhaust Gas Recirculation (EGR) System
649		KVGAV03.0N7N	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
650		KVGAJ02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
651	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	TT Roadster quattro	
652	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Beetle Dune	
653	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/5/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX FWD	
654	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
655	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
656	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	
657	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3	

	M	N	O	P
651		KVGAJ02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
652		KVGAV02.0V3R	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
653		HHNXV03.5MA3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
654		FVGAV02.0VUC	2015	On-Board Diagnostic (OBD) System
655		EVWXV03.6U41	2014	On-Board Diagnostic (OBD) System
656		EVWXV03.6U46	2014	On-Board Diagnostic (OBD) System
657		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<div>Complaint: Volkswagen Group has not received customer complaints in relation to this topic. DTCs Present: Not applicable. Component: Pending Analysis. Part Number, Production: To be determined. Part Number, Replacement: To be determined. Part Number, Analysis: To be determined. Analysis: On certain Model Years 2019 and 2020 Volkswagen Group vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020 inch leak.</div>				
651				141977	0
	<div>Complaint: Volkswagen Group has not received customer complaints in relation to this topic. DTCs Present: Not applicable. Component: Pending Analysis. Part Number, Production: To be determined. Part Number, Replacement: To be determined. Part Number, Analysis: To be determined. Analysis: On certain Model Years 2019 and 2020 Volkswagen Group vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020 inch leak.</div>				
652				28070	0
	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	7/15/2016	3/27/2017	11247	24
	<div>Analysis determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMTest Group 06J906027HE_680506J906027HE_8226ECMPVGAV02.0VUE 06K906071AJ_244506K997071B_9350ECMPVGAV02.0VBD 06K906071BS_451306K997071B_9350ECMPVGAV02.0VBD 06K906071D_765306K997071D_9368ECMPVGAV02.0VBD 06K906071AB_810106K997071E_9370ECMPVGAV02.0VPD 06K906071AH_244606K997071C_9351ECMPVGAV02.0VPD 06K906071B_809906K997071C_9351ECMPVGAV02.0VPD 06K906071E_686306K997071C_9351ECMPVGAV02.0VPD 06K906071E_901306K997071E_9370ECMPVGAV02.0VPD 06K906071J_810306K997071G_9372ECMPVGAV02.0VPD 06K906071P_633806K997071J_9357ECMPVGAV02.0VPD 06K906071T_811306K997071E_9370ECMPVGAV02.0VPD 06K997071F_298006K997071G_9372ECMPVGAV02.0VPD 09G927749D_269709G927749AL_3135TCMPVGAV02.0VPD 06G990855AG_437106G990855AG_1403ECMPVGAV02.0VUC 06K906071AG_067506K906071AG_4873ECMGVGAV02.0VBD 06K906071AF_236006K906071AG_4870ECMGVGAV02.0VPD 06K906071AT_067406K906071AT_4876ECMGVGAV02.0VPD 06K906071BJ_297306K906071AG_4870ECMGVGAV02.0VPD</div>			1	1
654	<div>Analysis determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMTest Group 06J997029D_150906J997029D_1509ECMDVWXV02.03UA 06J997029E_151006J997029B_1507ECMDVWXV02.03UA 04E906023_423104E906023_7928ECM DVWXV01.4PHE 04E906023_468904E906023_7928ECM DVWXV01.4PHE 04E906023_492004E906023_7928ECM DVWXV01.4PHE 04E906023_503704E906023_7928ECM DVWXV01.4PHE 0CG300045D_47010CG300045F_5307TCMDVWXV01.4PHE 06J906027FD_324806J997029J_1514ECM DVWXV02.03PA 02E300058P_351002E300058P_3509TCMDVWXV02.03PA 02E300058M_009902E300058N_3509TCMDVWXV02.03PA 02E300058N_347602E300058N_3509TCMDVWXV02.03PA 02E300058N_350802E300058N_3521TCMDVWXV02.03PA 09G927750LE_232809G927750LF_2246TCMDVWXV02.5U3A 06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF 09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59 09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59 09G927750LE_232809G927750LF_2246TCMDVWXV02.5A59 07K906055CS_434107K906055CS_5853ECM DVWXV02.5M59 03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>			5	5
	<div>Analysis determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMTest Group 06J997029D_150906J997029D_1509ECMDVWXV02.03UA 06J997029E_151006J997029B_1507ECMDVWXV02.03UA 04E906023_423104E906023_7928ECM DVWXV01.4PHE 04E906023_468904E906023_7928ECM DVWXV01.4PHE 04E906023_492004E906023_7928ECM DVWXV01.4PHE 04E906023_503704E906023_7928ECM DVWXV01.4PHE 0CG300045D_47010CG300045F_5307TCMDVWXV01.4PHE 06J906027FD_324806J997029J_1514ECM DVWXV02.03PA 02E300058P_351002E300058P_3509TCMDVWXV02.03PA 02E300058M_009902E300058N_3509TCMDVWXV02.03PA 02E300058N_347602E300058N_3509TCMDVWXV02.03PA 02E300058N_350802E300058N_3521TCMDVWXV02.03PA 09G927750LE_232809G927750LF_2246TCMDVWXV02.5U3A 06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF 09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59 09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59 09G927750LE_232809G927750LF_2246TCMDVWXV02.5A59 07K906055CS_434107K906055CS_5853ECM DVWXV02.5M59 03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>			2	2
657	<div>ComplaintNo known customer complaints DTCs PresentP220A ? Sensor Supply P2200 ? Open circuit (sensor wire) P2201 ? NOx Offset signal range check low/high P204F ? Monitoring of NOx Conversion efficiency ComponentNOx Sensor Initial Service Replacement Part Number04L-907-807-AD Subsequent Service Replacement Part Number04L-907-807-AD AnalysisForty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases' oxygen content, could trigger a deviation in the Sensor's signal and cause a MIL-on condition.</div>			46	0

	A	B	C	D	E	F	G	H	I	J	K	L
658	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Jetta	
659	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Golf	
660	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
661	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
662	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
663	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
664	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
665	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
666	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
667	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
668	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forté	
669	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
670	BMW	BMX	New Submission	Superseded	1/29/2019 8:12:08	1/29/2019 10:41:42	BMX-DR-2019-0000019	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
671	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:00:32	4/24/2019 12:40:13	NSX-DR-2019-0000283	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA AWD SR/PLATINUM	
672	BMW	BMX	Correction	Submitted	1/29/2019 9:21:28		BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 5	
673	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 3:07:09		MBX-DR-2019-0000483	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
674	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Bentley	Continental GT Convertible	

	M	N	O	P
658		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
659		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
660		DMBXV05.5U2A	2013	On-Board Diagnostic (OBD) System
661		FMBXV03.0U2A	2015	On-Board Diagnostic (OBD) System
662		DMBXV03.5BN4	2013	On-Board Diagnostic (OBD) System
663		HMBXV03.0HY1	2017	On-Board Diagnostic (OBD) System
664		CMBXV05.5U2B	2012	On-Board Diagnostic (OBD) System
665		JMBX02.0HY1	2018	On-Board Diagnostic (OBD) System
666		EMBXT05.5U2A	2014	On-Board Diagnostic (OBD) System
667		EMBXT03.5U2B	2014	On-Board Diagnostic (OBD) System
668		FKMXV02.0EFP	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
669		CMBXT03.0HD1	2012	Electrical Wiring, Sensor, and Actuator Systems
670		GBMXV03.0HS7	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
671		KNSXV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
672		CBMXV03.0AHS	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
673		FMBXV02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
674		EADKV04.03UJ	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	ComplaintNo known customer complaints DTCs PresentP220A ? Sensor Supply P2200 ? Open circuit (sensor wire) P2201 ? NOx Offset signal range check low/high P204F ? Monitoring of NOx Conversion efficiency ComponentNOx Sensor Initial Service Replacement Part Number04L-907-807-AD Subsequent Service Replacement Part Number04L-907-807-AD AnalysisIsforty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases ? oxygen content, could trigger a deviation in the Sensor?s signal and cause a MIL-on condition.				
658				46	0
	ComplaintNo known customer complaints DTCs PresentP220A ? Sensor Supply P2200 ? Open circuit (sensor wire) P2201 ? NOx Offset signal range check low/high P204F ? Monitoring of NOx Conversion efficiency ComponentNOx Sensor Initial Service Replacement Part Number04L-907-807-AD Subsequent Service Replacement Part Number04L-907-807-AD AnalysisIsforty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases ? oxygen content, could trigger a deviation in the Sensor?s signal and cause a MIL-on condition.				
659				46	0
660	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			6372	0
661	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			12252	0
662	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			2534	0
663	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			771	0
664	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			9455	0
665	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			84	0
666	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			21715	0
667	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			6189	0
668	Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOC control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined BMS data so that catalyst heating is entered to ensure the catalyst reaches the act			1977	2
	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.				
	1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.				
	2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.				
669				7957	0
	The affected part number 13538506546 relates to the FUEL RAIL-INJECTOR FUEL LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBM0V03 0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold ¼% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL-INJECTOR FUEL LINE is/was working properly and has/had no malfunction.	6/30/2015	10/30/2016	1209	298
670	On some 2019 Nissan Altima vehicles, the fuel pump lock ring that secures the fuel pump module to the fuel tank may have been installed incorrectly during production. More specifically, the lock ring may not have been completely engaged during re-installation following offline rework at the supplier. If the fuel pump lock ring is e	2/20/2019	3/1/2019	8100	347
	The affected part number 16117341299 relates to the Fuel Tank Supply Module. Analyses have shown, that the component fuel tank supply module in general was replaced due to a software failure in the ECU (Engine Control Unit). In more detail: The component PT-sensor (pressure/temperature sensor) located inside of the fuel tank supply module is/was monitored also during driving conditions. This could lead to the scenario, that the PT-sensor shows an implausible value (e.g. temperature drop) due to contact with fuel and the OBD diagnostic detects the PT-sensor as malfunctioning (including the corresponding fault code and MIL illumination) although the component PT-sensor is not malfunctioning. As a result the malfunctioning ?? PT-sensor was replaced in services by replacing the complete fuel tank supply module. This means that in general the component fuel tank supply module was replaced without being malfunctioning. Beginning with July 2013, BMW has modified the ECU software so that the OBD diagnostics for component PT-sensor are only running during engine off time conditions to avoid the false failure detection and false MIL as described above.	2/29/2012	6/29/2012	0	0
672	DAG has determined that insufficient robustness of the exhaust gas temperature sensor with regard to vibration and thermal shock could lead to electrical failures. Vibration or thermal shock might lead to delamination of the conduction, loss of adhesion of the chip in the measuring tip, fracture of the ceramic or disruption of the cement seal. As a result, a fault is stored in the engine co			4597	25
	Complaint: Coolant warning / MIL on; DTCs Present:P2181 ? Cooling System Performance; P0597 ? Electrical Thermostat, Circuit Open; P0599 ? Electrical Thermostat, Circuit Short to Voltage; Component:Thermostat Part Number ? Production:079.121.115.AQ; Part Number ? Replacement:079.121.115.BD; Part Number ? Analysis:079.121.115.AQ; Analysis:The ECM will set P2181 if the measured engine temperature does not reach the value within the timing map. Particles from the production process contaminating the cooling system affect the closing of the thermostat; 55xParticle at seal seat within the thermostat; 6xThermostat sealing out of position; 6xPin for heater element deformed due to electrical overstress;				
674	9xNTP			144	126

	A	B	C	D	E	F	G	H	I	J	K	L
675	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Audi	S6	
676	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/13/2019 12:10:40		HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT AWD	
677	Mercedes Benz	MBX	New Submission	Submitted	5/20/2019 5:13:23		MBX-DR-2019-0000357	Defect Report	DR - On-Board Diagnostic (OBD) System			
678	BMW	BMX	New Submission	Superseded	7/2/2019 6:18:05	7/4/2019 3:05:05	BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X7 xDrive50i	
679	BMW	BMX	New Submission	Superseded	7/2/2019 6:18:05	7/4/2019 3:05:05	BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
680	Volvo Car USA, LLC	VVX	Correction	Superseded	1/30/2019 10:01:39	2/7/2019 9:49:19	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
681	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
682	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
683	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
684	Kia Motors Corporation	KMX	Correction	Submitted	5/22/2019 11:38:13		KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forté FE	
685	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
686	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sedona	
687	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger AWD	

	M	N	O	P
675		EADXV04.03UJ	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
676		KHNXV03.5NH3	2019	On-Board Diagnostic (OBD) System
677		KMBXT02.0HY1	2019	On-Board Diagnostic (OBD) System
678		KBMXJ04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
679		LBMXJ04.4N63	2020	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
680		GIVXV02.053T	2016	Catalyst System
681		ECRXV03.6SPA	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
682		GCRXT03.6SPD	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
683		GCRXV03.6SPB	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
684		KKMXX02.0CES	2019	On-Board Diagnostic (OBD) System
685		JKMXV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
686		KKMXT03.3KJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
687		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>Complaint: Coolant warning / MIL on; DTCs Present:P2181 ? Cooling System Performance; P0597 ? Electrical Thermostat, Circuit Open; P0599 ? Electrical Thermostat, Circuit Short to Voltage;</p> <p>Component: Thermostat Part Number ? Production:079.121.115.AQ; Part Number ? Replacement:079.121.115.BD; Part Number ? Analysis:079.121.115.AQ; Analysis:The ECM will set P2181 if the measured engine temperature does not reach the value within the timing map. Particles from the production process contaminating the cooling system affect the closing of the thermostat;</p> <p>55xParticle at seal seat within the thermostat; 6xThermostat sealing out of position; 6xPin for heater element deformed due to electrical overstress;</p> <p>6/79 9xNTP</p>				
6/76	Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient and below the In Use Performance Ratio (IUPR) requirements.	7/6/2018		144	126
6/77	In the software of the engine control unit the fault code U0126 (CAN information of the selector lever) was erroneously set as not MIL-relevant. As a result, in case the fault code U0126 was active, the MIL relevant fault code U0103 (CAN signal from selector lever) would be blocked. As a result, the MIL would not be illuminated as required by the OBD regulations.			57585	0
				2297	2297
6/78	<p>Wrong screwing/Connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario:</p> <p>During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018	6/4/2019	100	100
6/79	<p>Wrong screwing/Connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario:</p> <p>During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	2/28/2019	5/7/2019	7	7
6/80	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>			6730	6730
6/81	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			27279	526
6/82	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			51021	138
6/83	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			2412	63
6/84	<p>2018~2019 model year Kia Forte vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with diagnostic trouble code DTC P0300, P0301, P0302, P0303, P0304: Misfire Detected and DTC P219C00, P219D00, P219E00, P219F00: Air-Fuel Ratio Imbalance. The main cause is the improper adaptation of cylinder imbalance diagnosis.</p> <p>To correct this problem, Kia will reprogram the ECU data.</p>			36749	30
6/85	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p> <p>Kia will replace the misprinted filler caps with the right ones.</p>			34	34
6/86	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p> <p>Kia will replace the misprinted filler caps with the right ones.</p>			3	3
6/87	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p> <p>Kia will replace the misprinted filler caps with the right ones.</p>			307	307

	A	B	C	D	E	F	G	H	I	J	K	L
688	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A7 quattro	
689	BMW	BMX	Correction	Submitted	1/29/2019 10:39:49		BMX-DR-2019-0000018	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
690	BMW	BMX	New Submission	Submitted	7/18/2019 5:01:09		BMX-DR-2019-0000526	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740i d xDrive	
691	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 9:22:35		MBX-DR-2019-0000532	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
692	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
693	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
694	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Touareg	
695	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A6 quattro	

	M	N	O	P
688		FVGJ03.0NU4	2015	On-Board Diagnostic (OBD) System
689		GBMX03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
690		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
691		JMBXV04.0U2A	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
692		HVVX02.053T	2017	Catalyst System
693		HVVX02.0U3T	2017	Catalyst System
694		GVGAT03.0NU2	2016	On-Board Diagnostic (OBD) System
695		GVGA03.0NU4	2016	On-Board Diagnostic (OBD) System

	Q	R	S	T	U	
	<p>Various PVE [JJ2] concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE[JJ2] Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMCurrent SoftwareTarget AEM-C Software Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014 Gen 2.2 SUVfourareg20157P1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.2 SUVfourareg20167P1907401C 0007 AVAB7P1907401C 0010</p>				6970	6970
688						
	<p>The affected part number 13537823402 relates to the FRONT FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120,000mi) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component MIDDLE FUEL RETURN LINE is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298	
689	<p>The affected part number 16117260648 relates to the component DELIVERY UNIT W/IN-TANK FUEL PUMP. Analyses have shown that this component in general (in about 93% of all cases) was replaced in service in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group GBMXV03.0N57, BMW decided a warranty extension to useful life (10 years / 120,000mi); please note that the corresponding FIR (equivalent to FIR-F0E-3.0-11) will be submitted after the reporting threshold <4% and > 50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component delivery unit w/in tank fuel pump was replaced in the other 7% of all cases.</p>	2/28/2014	6/29/2015	1505	160	
690	Daimler AG has determined that on certain GT-, C- and G-Class vehicles (190, 205 and 463 platforms) the engine control unit software could have a mistake in the calibration data set relating to catalyst heating. In case of the engine being shut down for more than 67 hours, the catalyst heating created by an increase of the idling speed might not be initiated with the next engine start as			1117	0	
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>					
692					3185	3185
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>					
693					22892	22892
	<p>Various PVE [JJ2] concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE[JJ2] Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMCurrent SoftwareTarget AEM-C Software Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014 Gen 2.2 SUVfourareg20157P1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.2 SUVfourareg20167P1907401C 0007 AVAB7P1907401C 0010</p>				2416	2416
694						
	<p>Various PVE [JJ2] concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE[JJ2] Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMCurrent SoftwareTarget AEM-C Software Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014 Gen 2.2 SUVfourareg20157P1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.2 SUVfourareg20167P1907401C 0007 AVAB7P1907401C 0010</p>				3202	3202
695						

	A	B	C	D	E	F	G	H	I	J	K	L
696	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q7	
697	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/24/2019 14:51:51		VGA-DR-2019-0000365	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A3	
698	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
699	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
700	BMW	BMX	New Submission	Submitted	5/28/2019 7:44:39		BMX-DR-2019-0000367	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328i	
701	BMW	BMX	New Submission	Submitted	5/28/2019 7:44:39		BMX-DR-2019-0000367	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328i xDrive	

	M	N	O	P
696		FVGAT03.0NU3	2015	On-Board Diagnostic (OBD) System
697		HVGAV02.0A3A	2017	On-Board Diagnostic (OBD) System
698		FJLXV03.0F5F	2015	Electrical Wiring, Sensor, and Actuator Systems
699		EJLXV05.0F4F	2014	Electrical Wiring, Sensor, and Actuator Systems
700		EBMXV02.0N26	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
701		EBMXV02.0N26	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	G	R	S	T	U	
	<p>Various PVE [JJ2] concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs Present:No Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE[JJ2] Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelMYCurrent SoftwareTarget AEM C-Software Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PC0520158K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014 Gen 2.2 SUVYouareg20157P1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PC0520168K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.2 SUVYouareg20167P1907401C 0007 AVAB7P1907401C 0010</p>				5210	5210
696						
	<p>Complaint:No known customer complaints DTCs Present:No DTCs present Component:ECM Software Calibration Part Number ? Production:8V0 907 115 B V0006 ? A3 8W0 907 115 C V0005 ? A4</p> <p>Part Number ? Replacement:8V0 907 115 B V0007 ? A3 8W0 907 115 C V0006 ? A4</p> <p>Part Number ? Analysis:8V0 907 115 B V0006 ? A3 8W0 907 115 C V0005 ? A4</p> <p>Analysis:Due to a calibration concern related to the ECM Clamp 30 Circuit monitor (which affects the ?engine off timer?? calculation), the Malfunction Indicator Light (MIL) will not activate per regulations.</p> <p>ECM Clamp 30 Circuit: Unswitched voltage is applied to the ECM from the battery (ECM Clamp 30 Circuit) to support ?engine off time?? monitors.</p>				6841	6841
697						
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction. Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>				2063	753
698						
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction. Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>				638	135
699						
	<p>The affected part number 16117243975 relates to component FUEL PUMP [DELIVERY MODULE] by supplier Bosch. Analyses have shown that the impeller inside the fuel pump could block due to high dust contamination in combination with NiP (Nickel-Phosphor) abrasion and accumulation (separated NiP particles from the internal fuel pump coating). Particularly the production period 09/2013 through 03/2014 shows an increased risk of potential blocking due to a coating charge with >8% Phosphor. The NiP coating was primarily introduced to increase the durability regarding ethanol. Due to the potential blocking, the coating in the fuel pump was changed to Eloxal beginning with 04/2014 (fuel pump built in production and fuel pump used as replacement part in service). This more robust hardware (to prevent the potential blocking of the impeller) has still part number 16117243975.</p>	8/31/2013	3/30/2014	25000	2500	
700						
	<p>The affected part number 16117243975 relates to component FUEL PUMP [DELIVERY MODULE] by supplier Bosch. Analyses have shown that the impeller inside the fuel pump could block due to high dust contamination in combination with NiP (Nickel-Phosphor) abrasion and accumulation (separated NiP particles from the internal fuel pump coating). Particularly the production period 09/2013 through 03/2014 shows an increased risk of potential blocking due to a coating charge with >8% Phosphor. The NiP coating was primarily introduced to increase the durability regarding ethanol. Due to the potential blocking, the coating in the fuel pump was changed to Eloxal beginning with 04/2014 (fuel pump built in production and fuel pump used as replacement part in service). This more robust hardware (to prevent the potential blocking of the impeller) has still part number 16117243975.</p>	8/31/2013	3/30/2014	25000	2500	
701						

	A	B	C	D	E	F	G	H	I	J	K	L
702	BMW	BMX	New Submission	Submitted	5/28/2019 7:44:39		BMX-DR-2019-0000367	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	428i xDrive Convertible	
703	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 4Dr	
704	Mercedes Benz	MBX	New Submission	Submitted	7/24/2019 11:44:39		MBX-DR-2019-0000550	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
705	Audi	ADX	New Submission	Submitted	5/24/2019 14:11:01		ADX-DR-2019-0000363	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q7	
706	Mercedes Benz	MBX	New Submission	Submitted	1/31/2019 2:19:33		MBX-DR-2019-0000061	Defect Report	DR - Selective Catalytic Reduction System			
707	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q7	
708	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A7 quattro	
709	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 11:55:58		HNX-DR-2019-0000064	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	ILX	
710	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 11:55:58		HNX-DR-2019-0000064	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	ILX	
711	Mazda Motor Corporation	TKX	New Submission	Submitted	6/6/2019 2:31:29		TKX-DR-2019-0000416	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
712	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	RAM	Promaster City	

	M	N	O	P
702		EBMXV02.0N26	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
703		KHNXV01.52L2	2019	On-Board Diagnostic (OBD) System
704		HMBXT04.0U2A	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
705		EADXT03.03UG	2014	On-Board Diagnostic (OBD) System
706		FMBXJ02.1U2A	2015	Selective Catalytic Reduction System
707		EADXT03.03UG	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
708		EADXJ03.04UG	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
709		GHNXV02.4XV3	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
710		EHNXV02.0EB3	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
711		JTKXT02.5FFA	2018	Electrical Wiring, Sensor, and Actuator Systems
712		GCRXJ02.45P4	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>The affected part number 16117243975 relates to component FUEL PUMP [DELIVERY MODULE] by supplier Bosch. Analyses have shown that the impeller inside the fuel pump could block due to high dust contamination in combination with NiP (Nickel-Phosphor) abrasion and accumulation (separated NiP particles from the internal fuel pump coating). Particularly the production period 09/2013 through 03/2014 shows an increased risk of potential blocking due to a coating charge with >8% Phosphor. The NiP coating was primary introduced to increase the durability regarding ethanol. Due to the potential blocking, the coating in the fuel pump was changed to Eloxal beginning with 04/2014 (fuel pump built in production and fuel pump used as replacement part in service). This more robust hardware (to prevent the potential blocking of the impeller) has still part number 16117243975.</p>				
703	The OBD system may falsely detect a malfunction of the P0461 "Fuel Level Sensor (Rationality)" in a certain condition.	8/31/2013	3/30/2014	25000	2500
		10/5/2018		2828	2
704	The warranty claims for the fill-level sensor in the G-class series are based on the following root cause: different geometric characteristics of the fill-level sensor of the oil tank after a supplier change could cause an occasional message in the instrument cluster 'oil level too high'?, even though the oil level is within the limit. The sensor itself is not defective but the geometric characteristics are.			24	1
	ScanToolMode50A non-erasable permanent DTCs (Mode 50A) for fuel rail pressure monitoringGen2 PC Gen2.1 / 2.2 SUV[PVE][J2] testingDADXT03.03UG_Q7 DADXT03.02UG_Touareg EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PC The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) ScanToolMode50A non-erasable permanent DTC (Mode 50A) urea tank heater circuit failureGen2.1 PVE[J][J2] testingDADXT03.02UG_Touareg EADXT03.02UG_TouaregThe issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 NOx-Sensor Rationality monitorNOx-Sensor out-of-range monitor without function P2202, P2203, P22A0 and P22A1Gen2 PC (MY14 only) Gen2.1 SUV[PVE][J2] testingEADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PCThe issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) NOx-Sensor Rationality monitorUpstream NOx-Sensors being replaced consequentially due to a false MIL condition resulting from an air system model SW-bugGen2 PC / Gen2.1 SUVInternal SW checkDADXT03.03UG_Q7 DADXT03.02UG_Touareg EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PCThe software bug in ASMod is not a part of the AEM. Fixing the software bug in ASMod will address the false MIL condition, without modifying the OBD calibration of the AEM. Throttle Valve Rationality monitorMonitoring of throttle valve offset adaptation without functionGen2.1 SUV/Q7 only[PVE][J2] testingDADXT03.03UG_Q7 EADXT03.03UG_Q7 The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 Oxidation Catalyst (DOC) efficiency monitorThe DOC is being replaced consequentially due to a false MIL condition resulting from specific driving conditions e.g. in altitude that are not covered by the monitor calibration.Gen2.1 / 2.2 SUVTechnical issueDADXT03.03UG_Q7 DADXT03.02UG_Touareg				
705				3937	3937
	Daimler AG has determined that the soot particulate sensor could fail due to the following root causes: Root Cause A: Particles on the sensor element resulting from the manufacturing process. Root Cause B: Flaking of the electrode due to insufficient evaporation of humidity inside the sensor element. Both root causes lead to an electrical failure of the soot particulate sensor. In case of failure the Malfunction Indicator Lamp (MIL) is illuminated.				
706				8170	367
	Calibration Concerns: Scan Tool Mode 50A, this is a Non-erasable permanent DTCs (Mode 50A) for fuel rail pressure monitoring. The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) Calibration Concerns: NOx-Sensor Rationality monitor, this is a NOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1). The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) Calibration Concerns: Throttle Valve Rationality monitor: The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 Calibration Concerns: Oxidation Catalyst (DOC) efficiency monitor, The issue occurs during high altitude driving conditions, requires replacement of the DOC (impacting durability), and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM Calibration Concerns: Boost system Rationality monitor, Boost system gross leakage monitor with limited function. The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 Calibration Concerns: Engine Control Module (ECM) inhibit relations, Planned improvements of inhibit relations to avoid additional fault codes and ensure reliable guidance for service. The issue was discovered during PVE [J][J2] testing and was reported to the agencies on July 2, 2018. Calibration Concerns: Engine Control Module (ECM) Injection Limitation, Reduction of the fuel injection pattern at high ECM temperatures and low battery voltage. This issue has not caused customer complaints and is unlikely to occur in ordinary driving conditions. Fixing this issue does not require changing the AEM. Calibration Concerns: Service-Tester/Tools, Service base setting to adjust idle speed. This is a minor change designed for dealer diagnostics. It does not change the AEM calibration Calibration Concerns: Vehicle Drivability (Poor Fuel Adaptation), Customer complaints regarding drivability during engine warm-up. The issue affects drivability of the vehicle, occurs during ordinary vehicle operation and use, and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM. Calibration Concerns: Reductant Supply Module, The SCR module is being replaced due to a false MIL condition resulting from high temperatures/diagnostic thresholds of consumption deviation monitor. The change will impact the AEM calibration, but the change is not required to fix this Technical issue. The proposed change is an improvement for the issue, but not a complete solution. GenerationModelIMYCal / DECU/TCU Gen 2.1 SUV/Q720134L2910401A0012 AVABECU Gen 2.1 SUV/Touareg201377P0907401K 0011 AVABECU Gen 2 PCA620144G0907401N 0013 BVABECU Gen 2 PCA720144G0907401N 0013 BVABECU Gen 2 PCA820144H0907401F 0013 BVABECU Gen 2 PCQ520148K907401J 0011 BVABECU Gen 2.1 SUV/Q720144L2910401A0012 AVABECU Gen 2.1 SUV/Touareg201477P0907401K 0011 AVABECU Gen 2.1 SUV/Touareg20130C8927750AK 3398TCU Gen 2.1 SUV/Touareg20140C8927750CF 3376TCU Gen 2 PCA6/A720144G0927158AQ1006/1008TCU Gen 2 PCA820144H1927158AM 1008 TCU Gen 2 PCA820144H1927158CK 1006 TCU Gen 2 PCQ52014 8R0927158Q 1007TCU				
707				3937	3937
	Calibration Concerns: Scan Tool Mode 50A, this is a Non-erasable permanent DTCs (Mode 50A) for fuel rail pressure monitoring. The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) Calibration Concerns: NOx-Sensor Rationality monitor, this is a NOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1). The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) Calibration Concerns: Throttle Valve Rationality monitor: The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 Calibration Concerns: Oxidation Catalyst (DOC) efficiency monitor, The issue occurs during high altitude driving conditions, requires replacement of the DOC (impacting durability), and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM Calibration Concerns: Boost system Rationality monitor, Boost system gross leakage monitor with limited function. The issue was discovered during PVE [J][J2] testing and was reported to the agencies on May 7, 2018 Calibration Concerns: Engine Control Module (ECM) inhibit relations, Planned improvements of inhibit relations to avoid additional fault codes and ensure reliable guidance for service. The issue was discovered during PVE [J][J2] testing and was reported to the agencies on July 2, 2018. Calibration Concerns: Engine Control Module (ECM) Injection Limitation, Reduction of the fuel injection pattern at high ECM temperatures and low battery voltage. This issue has not caused customer complaints and is unlikely to occur in ordinary driving conditions. Fixing this issue does not require changing the AEM. Calibration Concerns: Service-Tester/Tools, Service base setting to adjust idle speed. This is a minor change designed for dealer diagnostics. It does not change the AEM calibration Calibration Concerns: Vehicle Drivability (Poor Fuel Adaptation), Customer complaints regarding drivability during engine warm-up. The issue affects drivability of the vehicle, occurs during ordinary vehicle operation and use, and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM. Calibration Concerns: Reductant Supply Module, The SCR module is being replaced due to a false MIL condition resulting from high temperatures/diagnostic thresholds of consumption deviation monitor. The change will impact the AEM calibration, but the change is not required to fix this Technical issue. The proposed change is an improvement for the issue, but not a complete solution. GenerationModelIMYCal / DECU/TCU Gen 2.1 SUV/Q720134L2910401A0012 AVABECU Gen 2.1 SUV/Touareg201377P0907401K 0011 AVABECU Gen 2 PCA620144G0907401N 0013 BVABECU Gen 2 PCA720144G0907401N 0013 BVABECU Gen 2 PCA820144H0907401F 0013 BVABECU Gen 2 PCQ520148K907401J 0011 BVABECU Gen 2.1 SUV/Q720144L2910401A0012 AVABECU Gen 2.1 SUV/Touareg201477P0907401K 0011 AVABECU Gen 2.1 SUV/Touareg20130C8927750AK 3398TCU Gen 2.1 SUV/Touareg20140C8927750CF 3376TCU Gen 2 PCA6/A720144G0927158AQ1006/1008TCU Gen 2 PCA820144H1927158AM 1008 TCU Gen 2 PCA820144H1927158CK 1006 TCU Gen 2 PCQ52014 8R0927158Q 1007TCU				
708				10361	10361
709	Some plastic fuel tanks were incorrectly manufactured, as a result the fuel pump float may become stuck to the fuel tank inner wall and not accurately reflect the actual fuel level in the tank. Due to inaccurate fuel gauge reading, in some cases vehicle may run out of fuel resulting in an engine stall.	4/2/2015	10/5/2015	4	0
710	Some plastic fuel tanks were incorrectly manufactured, as a result the fuel pump float may become stuck to the fuel tank inner wall and not accurately reflect the actual fuel level in the tank. Due to inaccurate fuel gauge reading, in some cases vehicle may run out of fuel resulting in an engine stall.	8/8/2013	8/9/2013	1	0
711	Malfunctions can occur in the passenger air bag system, turn signals, and/or the engine starting system in addition to false instrument cluster warnings. This is caused by weak retention force of wiring harness connector terminals, resulting in electrical communication disruption between various vehicle control modules.	9/11/2017	11/8/2017	7854	193
	Some 2015 - 2017 MY Jeep, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a P0481 diagnostic trouble code (DTC) for "Cooling Fan 2 Control Circuit Malfunction" triggering the check engine lamp, or MIL, to illuminate. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.				
712	Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength. This could lead to bushing wear and, under certain conditions, cause the engine cooling fan to fail.			90311	90311

	A	B	C	D	E	F	G	H	I	J	K	L
713	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	FIAT	500X	
714	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Jeep	Renegade 4x2	
715	Kia Motors Corporation	KMX	Correction	Superseded	6/6/2019 11:05:18	6/6/2019 11:22:24	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento AWD	
716	Kia Motors Corporation	KMX	Correction	Superseded	6/6/2019 11:05:18	6/6/2019 11:22:24	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Optima	
717	Kia Motors Corporation	KMX	Correction	Superseded	6/6/2019 11:05:18	6/6/2019 11:22:24	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sedona	
718	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q7	
719	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A6 quattro	
720	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
721	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	
722	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee SRT 4x4	
723	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee Trailhawk 4x4	
724	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4	
725	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger	
726	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger	
727	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	Pacifica	
728	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	

	M	N	O	P
713		GCRXJ02.45P4	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
714		GCRXJ02.45PA	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
715		KKMXV03.3UJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
716		KKMXV02.0DG5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
717		KKMXT03.3KJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
718		FVGAT03.0NU3	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
719		FVGAI03.0NU4	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
720		GCRXT05.75P1	2016	Exhaust Gas Recirculation (EGR) System
721		HCRXT05.75P1	2017	Exhaust Gas Recirculation (EGR) System
722		HCRXT06.45P1	2017	Exhaust Gas Recirculation (EGR) System
723		HCRXT03.25P1	2017	Exhaust Gas Recirculation (EGR) System
724		HCRXT03.25P1	2017	Exhaust Gas Recirculation (EGR) System
725		HCRXV06.45P0	2017	Exhaust Gas Recirculation (EGR) System
726		GCRXV05.75P1	2016	Exhaust Gas Recirculation (EGR) System
727		HCRXT03.65P1	2017	Exhaust Gas Recirculation (EGR) System
728		HCRXT03.65PB	2017	Exhaust Gas Recirculation (EGR) System

	A	B	C	D	E	F	G	H	I	J	K	L
729	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
730	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
731	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
732	Kia Motors Corporation	KMX	Correction	Submitted	6/6/2019 11:22:24		KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger RWD	
733	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
734	Audi	ADX	New Submission	Submitted	2/11/2019 15:44:11		ADX-DR-2019-0000111	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GTI	
735	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 16:40:14		KMX-DR-2019-0000212	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Stinger AWD	
736	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000226	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage FE FWD	
737	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	8/2/2019 16:50:31		HMX-DR-2019-0000596	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	CR-V AWD	
738	FCAUS LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
739	FCAUS LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
740	FCAUS LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
741	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
742	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	

	M	N	O	P
729		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
730		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
731		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
732		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
733		BNBXT03.0HD2	2011	Air Inlet System (Including Turbo and Superchargers)
734		EAD XV02.03PA	2014	On-Board Diagnostic (OBD) System
735		KKMXV02.0EG6	2019	On-Board Diagnostic (OBD) System
736		HKMXT02.44NP	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
737		KVAXT02.4W53	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
738		ECRXV03.65PA	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
739		GCRXV03.65PB	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
740		FCRXV03.65PB	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
741		DSKXV2.395F1	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
742		BSKXV2.395F1	2011	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<p>The affected part number 13538506548 relates to the Fuel Injector. Analyses have shown, that depending on test group and model year in about 15% up to 52% of all cases the component fuel injector was replaced due to a valid malfunction of the component fuel injector itself. Based on poor diesel fuel quality an extended plate-out/coat inside the injector is possible. This coat results in an increased pilot injections correction. If the adaption limit monitoring-corrected energizing time exceeds a time threshold (e.g. 250 7sec), a corresponding OBD fault code (e.g. DTC P02CD for injector 1) including MIL illumination is set (injection quantity monitoring 7Zero Fuel Calibration (ZFC)). Depending on test group and model year in about 25% up to 84% of all cases the component injector was replaced besides the malfunctioning component high pressure fuel pump (according service instruction) due to contamination of the high/low pressure system with cuttings (please see also e.g. EDIR-OF-N47/NS7-0267 or EDIR-QH-NS7-0324). In the other 2% up to 35% (depending on test group and model year) the component fuel injector was replaced without any valid reason (e.g. no corresponding fault code indicating a malfunctioning fuel injector).</p>	6/30/2015	10/29/2016	1209	38
729	<p>The affected part number 13538506548 relates to the Fuel Injector. Analyses have shown, that depending on test group and model year in about 15% up to 52% of all cases the component fuel injector was replaced due to a valid malfunction of the component fuel injector itself. Based on poor diesel fuel quality an extended plate-out/coat inside the injector is possible. This coat results in an increased pilot injections correction. If the adaption limit monitoring-corrected energizing time exceeds a time threshold (e.g. 250 7sec), a corresponding OBD fault code (e.g. DTC P02CD for injector 1) including MIL illumination is set (injection quantity monitoring 7Zero Fuel Calibration (ZFC)). Depending on test group and model year in about 25% up to 84% of all cases the component injector was replaced besides the malfunctioning component high pressure fuel pump (according service instruction) due to contamination of the high/low pressure system with cuttings (please see also e.g. EDIR-OF-N47/NS7-0267 or EDIR-QH-NS7-0324). In the other 2% up to 35% (depending on test group and model year) the component fuel injector was replaced without any valid reason (e.g. no corresponding fault code indicating a malfunctioning fuel injector).</p>	7/31/2016	8/30/2017	2620	146
730	<p>The affected part number 13538506548 relates to the Fuel Injector. Analyses have shown, that depending on test group and model year in about 15% up to 52% of all cases the component fuel injector was replaced due to a valid malfunction of the component fuel injector itself. Based on poor diesel fuel quality an extended plate-out/coat inside the injector is possible. This coat results in an increased pilot injections correction. If the adaption limit monitoring-corrected energizing time exceeds a time threshold (e.g. 250 7sec), a corresponding OBD fault code (e.g. DTC P02CD for injector 1) including MIL illumination is set (injection quantity monitoring 7Zero Fuel Calibration (ZFC)). Depending on test group and model year in about 25% up to 84% of all cases the component injector was replaced besides the malfunctioning component high pressure fuel pump (according service instruction) due to contamination of the high/low pressure system with cuttings (please see also e.g. EDIR-OF-N47/NS7-0267 or EDIR-QH-NS7-0324). In the other 2% up to 35% (depending on test group and model year) the component fuel injector was replaced without any valid reason (e.g. no corresponding fault code indicating a malfunctioning fuel injector).</p>	2/28/2014	6/29/2015	1505	131
731	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Kia will replace the misprinted filler caps with the right ones.</p>			307	307
732	Strong short-distance accelerations could lead to turbocharger failures. If this driving maneuver is carried out frequently, the booster wheel of the turbocharger may become defective. Subsequently, the required boost pressure cannot be reached within the specified time. In this case, the OBD system reacts as intended, the MIL is activated and the stored fault code correctly locates the			3923	143
733	<p>During an internal review, VW recognized that due to a quality slip, incorrect ECM/TCM Software Calibrations were released to the field. Analysis determined software list above calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-Software designed for other Model - Software was intended for another model-No Information Available - Unique software on a low number of vehicles that are not possible to analyze-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years-Pre-series software installed - Vehicles with pre-series software in the field <p>Production Software Replacement Software ECM or TCM Test Group 02E300058P_351502E300058P_3509TCMDADXXV02.03UA 02E300058P_351002E300058P_3509TCMDADXXV02.03PA 1K0907115AF_00101K0907115AT_0020ECMEADXXV02.03PA 02E300058P_350902E300058P_3510TCMEADXXV02.03PA</p>			2	2
734	<p>Some of KIA 19MY Stinger 2.0T-GDI, 20MY Sportage 2.4GDI, 20MY Soul 2.0MPI have an issue that is display of incorrect Test Group information to a scan tool. According to the investigation, the main cause is that the incorrect test group information was entered into ECU.</p>			4057	764
735	Kia has received some owners' comments regarding shift quality of automatic transaxles on some of the 2017MY Sportage equipped with 2.4L GDI engines. In order to improve the quality of shifts, Kia is improving the shift feel with calibration modification of the transmission.			28666	2
736	Some plastic fuel tanks were incorrectly manufactured with insufficient adhesion around the fuel tank vapor return joint. The weld joint may fail between the fuel tank and the vapor return joint and may lead to a fuel leak.	11/7/2018	6/27/2019	15	0
737	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			286068	3394
738	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			2412	63
739	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			956	151
740					
741	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2012	10/31/2012	1805	1805
742	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2010	5/31/2011	6120	6120

	A	B	C	D	E	F	G	H	I	J	K	L
743	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
744	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
745	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
746	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
747	Mercedes Benz	MBX	New Submission	Submitted	6/17/2019 4:10:18		MBX-DR-2019-0000437	Defect Report	DR - Catalyst System			
748	Kia Motors Corporation	KMX	New Submission	Superseded	3/29/2019 16:54:33	5/22/2019 11:38:13	KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
749	Kia Motors Corporation	KMX	New Submission	Superseded	3/29/2019 16:54:33	5/22/2019 11:38:13	KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
750	General Motors LLC	GMX	New Submission	Submitted	8/1/2019 17:14:58		GMX-DR-2019-0000575	Defect Report	DR - Emission Control Information Label			
751	General Motors LLC	GMX	New Submission	Submitted	8/1/2019 17:14:58		GMX-DR-2019-0000575	Defect Report	DR - Emission Control Information Label			
752	Hyundai Motor Company	HYX	Correction	Submitted	4/10/2019 15:48:11		HYX-DR-2019-0000156	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Sonata HYBRID	
753	Hyundai Motor Company	HYX	Correction	Submitted	4/10/2019 15:48:11		HYX-DR-2019-0000156	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Sonata HYBRID SE	
754	Hyundai Motor Company	HYX	New Submission	Submitted	4/10/2019 16:55:13		HYX-DR-2019-0000268	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Tucson AWD	
755	Hyundai Motor Company	HYX	New Submission	Submitted	4/10/2019 16:55:15		HYX-DR-2019-0000268	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Veloster	
756	Hyundai Motor Company	HYX	New Submission	Submitted	4/10/2019 17:02:22		HYX-DR-2019-0000267	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Elantra GT	
757	Jaguar Land Rover Limited	JLX	New Submission	Submitted	5/3/2019 10:05:33		JLX-DR-2019-0000214	Defect Report	DR - On-Board Diagnostic (OBD) System	Jaguar	XE AWD	

	M	N	O	P
743		BSKXV2.395F3	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
744		ASKXV2.395F3	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
745		BSKXV2.395F3	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
746		ASKXV2.395F3	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
747		DMBXT03.0HD2	2013	Catalyst System
748		JKMXV02.04E5	2018	On-Board Diagnostic (OBD) System
749		KKMXV02.0CE5	2019	On-Board Diagnostic (OBD) System
750		KGMXT05.3384	2019	Emission Control Information Label
751		KGMXT05.3386	2019	Emission Control Information Label
752		HHYXV02.0A16	2017	On-Board Diagnostic (OBD) System
753		HHYXV02.0A16	2017	On-Board Diagnostic (OBD) System
754		JHYXV02.0J1UF	2018	On-Board Diagnostic (OBD) System
755		KHYXV01.68CS	2019	On-Board Diagnostic (OBD) System
756		JHYXV01.62NF	2018	On-Board Diagnostic (OBD) System
757		JJLXJ02.0RTX	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2010	5/31/2011	6120	6120
743					
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	10/13/2009	5/31/2010	6807	6807
744					
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2010	5/31/2011	6120	6120
745					
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	10/13/2009	5/31/2010	6807	6807
746					
	DAG has determined that this particular iron SCR catalyst, used in the vehicles listed below, may have an insufficient thermal stability at high exhaust gas temperatures. This case could occur at high thermal aging of the SCR catalytic converter. In this case, a fault is stored in the engine control unit software, the engine diagnostics warning lamp (MIL) is activated and the NOx emissions li			5488	568
747					
	2018~2019 model year Kia Forte vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with diagnostic trouble code P219C, P219D, P219E, P219F, P030X. The main cause is the improper adaptation of cylinder imbalance diagnosis. To correct this problem, Kia will reprogram the ECU data.			52297	35
748					
	2018~2019 model year Kia Forte vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with diagnostic trouble code P219C, P219D, P219E, P219F, P030X. The main cause is the improper adaptation of cylinder imbalance diagnosis. To correct this problem, Kia will reprogram the ECU data.			36749	30
749					
	The Vehicle Emissions Control Information (VECI) label was not installed on certain vehicles.			11	11
750					
	The Vehicle Emissions Control Information (VECI) label was not installed on certain vehicles.			491	491
751					
	Some 2017 model year Optima (HEV)'s equipped with 2.0 liter engines and Some 2017 Niro (HEV)'s equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating a evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to inner part defect.				
752					
	Kia found that the salt crystals kept the poppet valve of the NVLD stuck open (not closing the pressure switch) which caused it to detect a leak in the evaporative system. It is assumed that the salt crystals originated from the contents of sea breeze and fog coming from the California coast area.			6741	97
753					
	Some 2017 model year Optima (HEV)'s equipped with 2.0 liter engines and Some 2017 Niro (HEV)'s equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating a evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to inner part defect.				
754					
	Kia found that the salt crystals kept the poppet valve of the NVLD stuck open (not closing the pressure switch) which caused it to detect a leak in the evaporative system. It is assumed that the salt crystals originated from the contents of sea breeze and fog coming from the California coast area.			6741	97
755					
	The 2019MY Hyundai 1.6L Veloster, 2018MY 2.0L Tucson and 2018MY 1.6L Elantra GT have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for the modeling temperature of the engine coolant. Data in the ECU has a difference of temperature between modelin			83667	49
756					
	The 2019MY Hyundai 1.6L Veloster, 2018MY 2.0L Tucson and 2018MY 1.6L Elantra GT have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for the modeling temperature of the engine coolant. Data in the ECU has a difference of temperature between modelin			3627	20
757					
	2018 model year Hyundai Tucson, equipped with 2.0L, 2018 model year and engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for modeling temperature of the engine coolant. Data in ECU has a difference in temperature between modeling data of			3148	48
758					
	Customer may experience MIL Illumination with Diagnostic Trouble Code P0191-85 stored within the Powertrain Control Module. Root cause was determined to be an incorrect value in the fuel rail pressure model, which caused a false MIL based on DTC P0191-85.			22423	452
759					

	M	N	O	P
758		JJLXJ02.0RTX	2018	On-Board Diagnostic (OBD) System
759		JJLXT02.0RTV	2018	On-Board Diagnostic (OBD) System
760		KHKXV03.5HH3	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
761		GNXKV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
762		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
763		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
764		JNSKV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
765		JNSKV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
766		GNXKV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
767		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
768		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
769		GNXKV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
770		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
771		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
772		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
773		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
774		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
775		HNXKV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
776		KKMXV01.6L2T	2019	On-Board Diagnostic (OBD) System
777		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
778		FVXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
779		FVXV02.053T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
780		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
781	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
782	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
783	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
784	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 CC FWD	
785	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
786	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/26/2019 15:06:56	5/1/2019 13:51:01	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX 2WD	
787	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/26/2019 15:06:56	5/1/2019 13:51:01	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX	
788	BMW	BMX	New Submission	Submitted	7/17/2019 8:21:42		BMX-DR-2019-0000525	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	BMW	328XI	

	M	N	O	P
781		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
782		GVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
783		GVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
784		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
785		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
786		GHXXV03.5RA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
787		FHXXV03.5WA4	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
788		7BMXXV03.0N51	2007	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>				
781				8208	8208
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>				
782				15305	15305
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>				
783				15305	15305
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>				
784				25271	25271
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>				
785				8208	8208
786	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	9/23/2015	7/12/2016	17594	68
787	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	7/14/2014	9/17/2015	37330	544
	<p>The affected part number 1613719479 relates to the Leak Diagnostic Pump. Analyses have shown, that in about 85% of all cases the component Leak Diagnostic Pump was replaced due to a malfunction including fault code storage and MIL illumination. Main reason for the defect is corrosion due to condensate entry in the Leak Diagnostic Pump which leads e.g. to electrical malfunctions.</p> <p>In addition the component Leak Diagnostic Pump was replaced due to variations of the friction coefficient (leads to current fluctuations during the reference leak measurements) caused by unsteady manufacturing quality. As a result a leakage of the EVAP system was misleadingly detected.</p>				
788		10/31/2006	8/30/2007	21800	927

	A	B	C	D	E	F	G	H	I	J	K	L
788	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
790	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
791	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
792	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte 5	
793	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
794	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
795	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
796	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
797	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:32:27		MBX-DR-2019-0000389	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
798	American Honda Motor Co., Inc.	HMX	New Submission	Superseded	4/29/2019 17:25:59	5/13/2019 12:10:40	HMX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
799	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/5/2019 11:26:52		VGA-DR-2019-0000192	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Atlas	
800	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Clubman	
801	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works	
802	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	3/7/2019 19:25:42		HMX-DR-2019-0000187	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V FWD	
803	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	TUNDRA AWD FFV	
804	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	RC 350 AWD	
805	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	GS 350 F SPORT	
806	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	LS 300 AWD	
807	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	RX 350 AWD	

	M	N	O	P
789		CMBXV03.0U2B	2012	Exhaust Gas Recirculation (EGR) System
790		DMBXV03.0U2B	2013	Exhaust Gas Recirculation (EGR) System
791		EMBXTO3.0U2A	2014	Exhaust Gas Recirculation (EGR) System
792		EKMXXV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
793		FMBXTO3.0U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
794		GNBXT03.0U2A	2016	Electrical Wiring, Sensor, and Actuator Systems
795		GMBXV02.1U2B	2016	Electrical Wiring, Sensor, and Actuator Systems
796		BMBXT03.0U2B	2011	Electrical Wiring, Sensor, and Actuator Systems
797		DMBXV01.8U2A	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
798		KHXVX03.0AH3	2019	On-Board Diagnostic (OBD) System
799		JVGAT03.6VAS	2018	On-Board Diagnostic (OBD) System
800		ABMXXV01.6SPD	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
801		CBMXXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
802		KHXXT01.5Y53	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
803		JTYXT05.7M5S	2018	Electrical Wiring, Sensor, and Actuator Systems
804		JTYXV03.5M5A	2018	Electrical Wiring, Sensor, and Actuator Systems
805		JTYXV03.5M5A	2018	Electrical Wiring, Sensor, and Actuator Systems
806		JTYXV03.5M5A	2018	Electrical Wiring, Sensor, and Actuator Systems
807		JTYXT05.5M5M	2018	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve: 1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer. 2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.			2257	23
788					
	DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve: 1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer. 2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.			1267	5
790					
	DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve: 1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer. 2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.			9885	119
791	Some 2014-2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOG control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered to ensure the catalyst reaches the act			5562	2
792	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			4424	121
793	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			1686	9
794	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			1110	18
795	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			5003	49
796	On certain vehicles with a 4-cylinder gasoline engine, the high pressure pump could fail due to wear of mechanical components. Wear may cause reduced fuel pressure, which would lead to an illumination of the Malfunction Indicator Lamp (MIL) and activation of limp home mode with torque limitation. This prompts drivers to immediately visit a servicing dealer. Subsequently, heating o			58724	1962
797	Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient and below the In Use Performance Ratio (IUPR) requirements.	8/1/2018	6/26/2019	1496	0
798	Complaint:One or more of the following fault codes may be erroneously stored in the ECM Fault Memory with MIL possible: DTCs Present: P0116: Engine Coolant Temperature Sensor 1 Circuit Range/Performance P0300: Random/Multiple Cylinder Misfire Detected P0301, P0302, P0303, P0304, P0305, P0306: Cylinder 1-6 Misfire Detected P068A: ECM/PCM Power Relay De-Energized Performance - Too Early P2098: Post Catalyst Fuel Trim System Too Lean Bank 2; Component:ECM Software; Part Number ? Production:03H906026E_4744, 6024 03H906026F_4745, 6025 03H906026J_4748, 6026; Part Number ? Replacement:03H906026E_6695 03H906026F_6696 03H906026J_6697; Part Number ? Analysis:03H906026E_3987, 4192, 4744, 6024 03H906026F_3988, 4193, 4745, 6025 03H906026J_3989, 4195, 4748, 6026; Analysis:Refer to the attached file ?CBI_VGATD3.6VAS_APPRF06.pdf?? for events and corrective actions documented within Running Change / Field Fix #RF_VJ3.6VAS_06_18.			76401	63771
799					
	The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services. Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump. Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination). In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination. In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.	8/31/2009	7/30/2010	737	216
800					
	The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services. Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump. Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination). In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination. In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.	6/30/2011 10/9/2018	6/29/2012	1048	435
801	Due to inappropriate PCM software, the EVAP monitor function does not correctly send ECU shut down command if EVAP monitor conditions are not satisfied. As a result, the 12V battery may be discharged and the vehicle engine may not start.			68014	357
802	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			41225	41225
803	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			13996	13996
804	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			13996	13996
805	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			13996	13996
806	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			13996	13996
807	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			144048	144048

	A	B	C	D	E	F	G	H	I	J	K	L
808	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	RIO ECO	
809	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	Accent	
810	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	SOUL	
811	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Rio	
812	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
813	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
808		DKMXV01.6DBE	2013	Catalyst System
809		EKMXV01.6DBE	2014	Catalyst System
810		CKMXV01.6AW5	2012	Catalyst System
811		EKMXV01.6DBE	2014	Catalyst System
812		DMBXV03.0UZB	2013	Electrical Wiring, Sensor, and Actuator Systems
813		GMBXV02.1UZB	2016	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
814	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
815	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:14:20		NSX-DR-2019-0000003	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA SR/PLATINUM	
816	Mercedes Benz	MBX	New Submission	Submitted	4/3/2019 6:49:34		MBX-DR-2019-0000258	Defect Report	DR - On-Board Diagnostic (OBD) System			
817	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
818	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
819	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i	
820	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Convertible	
821	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	

	M	N	O	P
814		GMBXT03.0U2A	2016	Electrical Wiring, Sensor, and Actuator Systems
815		KNSXV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
816		GMBXT02.0U2A	2016	On-Board Diagnostic (OBD) System
817		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
818		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
819		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
820		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
821		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter. 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.				
814				1697	29
815	On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may	5/25/2018	10/30/2018	23865	100
816	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			8873	0
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2017	6/29/2018	6904	6904
817					
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2017	6/29/2018	6904	6904
818					
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2017	6/29/2018	6904	6904
819					
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2017	6/29/2018	6904	6904
820					
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2017	6/29/2018	6904	6904
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2016	6/29/2017	659	659
821					

	A	B	C	D	E	F	G	H	I	J	K	L
822	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	
823	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
824	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive Gran Turismo	
825	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	
826	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive Gran Turismo	
827	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive	

	M	N	O	P
822		KBMKV03.0B58	2019	On-Board Diagnostic (OBD) System
823		HBMKV03.0B58	2017	On-Board Diagnostic (OBD) System
824		HBMKV03.0B58	2017	On-Board Diagnostic (OBD) System
825		HBMKV03.0B58	2017	On-Board Diagnostic (OBD) System
826		HBMKV02.0B4X	2017	On-Board Diagnostic (OBD) System
827		HBMKV02.0B4X	2017	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
828	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Convertible	
829	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Coupe	
830	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
831	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe M Performance	
832	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	745e xDrive	
833	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 M40i	

	M	N	O	P
828		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
829		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
830		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
831		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
832		LBMXV03.0H58	2020	On-Board Diagnostic (OBD) System
833		KBMXJ03.0B5X	2019	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
834	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Convertible	
835	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
836	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e xDrive	
837	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
838	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
839	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i	

	M	N	O	P
834		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
835		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
836		JBMXV02.0H30	2018	On-Board Diagnostic (OBD) System
837		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
838		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
839		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
840	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	24 sDrive30i	
841	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Coupe	
842	BMW	BMX	New Submission	Superseded	1/29/2019 7:45:24	1/29/2019 10:34:25	BMX-DR-2019-0000015	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
843	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
844	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	
845	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive 35d	

	M	N	O	P
840		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
841		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
842		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
843		HBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
844		GBMXT02.0N47	2016	Exhaust Gas Recirculation (EGR) System
845		GBMXT03.0N57	2016	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
840	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
841	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
842	<p>The affected part number 13537823395 relates to the FUEL LINE TO HIGH-PRESSURE PUMP. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded).</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL LINE TO HIGH-PRESSURE PUMP is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
843	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2016	6/29/2017	1204	1204
844	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	3/31/2015	3/30/2016	1695	1695
845	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	11/30/2015	7/30/2016	1696	1696

	A	B	C	D	E	F	G	H	I	J	K	L
846	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
847	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
848	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
849	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Charger	
850	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Challenger	
851	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Charger	

	M	N	O	P
846		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System
847		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
848		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
849		JCRXV03.65P0	2018	On-Board Diagnostic (OBD) System
850		JCRXV05.75P1	2018	On-Board Diagnostic (OBD) System
851		JCRXV03.65P0	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
846	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
847	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
848	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
849	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7L1?), Chrysler Pacifica (7RU?), Jeep Grand Cherokee (7WK?), Dodge Durango (7WD?) and 6.4L Dodge Challenger (7LA?) and Dodge Charger (7LD?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC?) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			74965	74965
850	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7L1?), Chrysler Pacifica (7RU?), Jeep Grand Cherokee (7WK?), Dodge Durango (7WD?) and 6.4L Dodge Challenger (7LA?) and Dodge Charger (7LD?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC?) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			24314	24314
851	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7L1?), Chrysler Pacifica (7RU?), Jeep Grand Cherokee (7WK?), Dodge Durango (7WD?) and 6.4L Dodge Challenger (7LA?) and Dodge Charger (7LD?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC?) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			74965	74965

	A	B	C	D	E	F	G	H	I	J	K	L
852	BMW	BMX	New Submission	Superseded	1/29/2019 9:16:50	1/29/2019 9:21:28	BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 5	
853	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	
854	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
855	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
856	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
857	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
858	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
859	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
860	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
861	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/9/2019 11:59:21		NSX-DR-2019-0000744	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	
862	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Sportage 4WD	
863	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	SPORTAGE 4WD	
864	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	
865	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	
866	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson AWD	
867	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE AWD	
868	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	

	A	B	C	D	E	F	G	H	I	J	K	L
869	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
870	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
871	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
872	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
873	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
874	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	

	M	N	O	P
869		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
870		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
871		JHYXV02.4A13	2018	Electrical Wiring, Sensor, and Actuator Systems
872		JHYXV02.4A15	2018	Electrical Wiring, Sensor, and Actuator Systems
873		GHYXV02.4A14	2016	Electrical Wiring, Sensor, and Actuator Systems
874		GHYXV02.4A14	2016	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
875	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata LIMITED	
876	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
877	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
878	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SE	
879	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
880	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	

	M	N	O	P
875		FHYXV02.01HE	2015	Electrical Wiring, Sensor, and Actuator Systems
876		FHYXV02.41WE	2015	Electrical Wiring, Sensor, and Actuator Systems
877		FHYXT02.41UE	2015	Electrical Wiring, Sensor, and Actuator Systems
878		KHYXV02.4EH3	2019	Electrical Wiring, Sensor, and Actuator Systems
879		BHYXV02.4YW5	2011	Electrical Wiring, Sensor, and Actuator Systems
880		GHYXV02.41WE	2016	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
881	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
882	Kia Motors Corporation	KMX	New Submission	Submitted	11/8/2019 10:49:09		KMX-DR-2019-0000937	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte FE	
883	Kia Motors Corporation	KMX	New Submission	Submitted	11/8/2019 10:49:09		KMX-DR-2019-0000937	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte S	
884	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 FWD	
885	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 AWD	
886	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 FWD	
887	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 FWD	
888	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 Inscription AWD	
889	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 FWD	
890	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 AWD	
891	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 AWD	

	M	N	O	P
881		DHYXV02.42GP	2013	Electrical Wiring, Sensor, and Actuator Systems
882		LKMXV02.0CES	2020	On-Board Diagnostic (OBD) System
883		LKMXV02.0CES	2020	On-Board Diagnostic (OBD) System
884		FVXXV02.0U3T	2015	Air Inlet System (Including Turbo and Superchargers)
885		JVXXJ02.0B70	2018	Air Inlet System (Including Turbo and Superchargers)
886		JVXXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
887		HVXXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
888		HVXXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
889		FVXXV02.0S3T	2015	Air Inlet System (Including Turbo and Superchargers)
890		FVXXJ03.0U2T	2015	Air Inlet System (Including Turbo and Superchargers)
891		JVXXJ02.0125	2018	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p> <p>881 Some Kia 20MY Forte 2.0MPI vehicles have an issue that displays incorrect test group information to a scan tool. According to the investigation, there was a clerical error in the ECU calibration.</p> <p>882 Some Kia 20MY Forte 2.0MPI vehicles have an issue that displays incorrect test group information to a scan tool. According to the investigation, there was a clerical error in the ECU calibration.</p>			101331	0
				20017	20017
				20017	20017
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			25464	4039
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			41181	181
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			26274	169
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			48704	367
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			48704	367
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			8224	914
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			19208	54
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			23992	162

	A	B	C	D	E	F	G	H	I	J	K	L
892	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
893	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 FWD	
894	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
895	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 FWD	
896	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 CC AWD	
897	Subaru Corporation	FIX	New Submission	Submitted	10/31/2019 17:43:57		FIX-DR-2019-0000907	Defect Report	DR - Ignition System			
898	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/9/2019 16:48:37		NSX-DR-2019-0000726	Defect Report	DR - Ignition System	NISSAN	Kicks	
899	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	
900	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	
901	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	

	M	N	O	P
892		JVWXI02.0125	2018	Air Inlet System (Including Turbo and Superchargers)
893		JVWXI02.0125	2018	Air Inlet System (Including Turbo and Superchargers)
894		LWVXI02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
895		LWVXI02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
896		JVWXI02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
897		HFJXV02.0BUY	2017	Ignition System
898		KNSXV01.6RNA	2019	Ignition System
899		DHYXT02.41SE	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
900		CHYXT02.4LWS	2012	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
901		AHYXT02.4LWS	2010	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			23992	162
892					
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			23992	162
893					
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			4923	93
894					
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			4923	93
895					
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			2865	59
896					
897	Due to improper Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. If the ignition coil remains energized for too long, the internal temperature of ignition coil may increase which could cause a short circuit and a blown fuse. If a s	7/28/2016	8/15/2017	74956	9
898	On some 2019 Nissan Kicks vehicles, customers may have experienced MIL illumination for various engine control related DTCs and/or an engine shut off condition at idle. Nissan has investigated and found that in some cases, the main EGI harness may press against the metal battery bracket, potentially causing damage to the wire sheathing. If this should occur, there is potential for a			42496	202
	<p>Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			10746	1
899					
	<p>Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			8658	1
900					
	<p>Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			3729	1
901					

	A	B	C	D	E	F	G	H	I	J	K	L
902	Audi	ADX	New Submission	Submitted	10/9/2019 7:58:40		ADX-DR-2019-0000741	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	
903	Audi	ADX	New Submission	Superseded	10/9/2019 8:11:34	10/18/2019 9:18:51	ADX-DR-2019-0000742	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	
904	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	JETTA	
905	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	JETTA SPORTWAGEN	
906	Kia Motors Corporation	KMX	New Submission	Submitted	9/24/2019 16:56:27		KMX-DR-2019-0000522	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte	
907	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 7:51:22		VGA-DR-2019-0000728	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	GTI	
908	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 7:51:22		VGA-DR-2019-0000728	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Golf	

	M	N	O	P
902		BADXT03.03UG	2011	Selective Catalytic Reduction System
903		AADXT03.03LD	2010	Selective Catalytic Reduction System
904		AWWXV02.0U5N	2010	Exhaust Gas Recirculation (EGR) System
905		EVWXV02.0U5N	2014	Exhaust Gas Recirculation (EGR) System
906		JKMXV02.04E3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
907		FVGAV02.0APA	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
908		FVGAV02.0APA	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
900	<p>Complaint: MIL on</p> <p>-AdBlue System Fault message appears in the instrument cluster</p> <p>DTCs Present: P20F4 (AdBlue Consumption Too Low)</p> <p>P20F5 (AdBlue Consumption Too High)</p> <p>P20EE (Catalyst Efficiency Fault)</p> <p>Components: SCR Dosing Valve</p> <p>Part Number ? Incorrect: 3C0131113C</p> <p>Part Number ? Correct: 4H0131113A</p> <p>Analysis: -Due to a parts catalog error, an incorrect SCR Dosing Valve may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the SCR dosing valve with the correct service part.</p> <p>-An incorrect SCR Dosing Valve will have a flow rate that is mismatched to the ECM calibration and may cause SCR-related faults.</p>			1	1
903	<p>Complaint: MIL on</p> <p>-AdBlue System Fault message appears in the instrument cluster</p> <p>DTCs Present: P20EE (Catalyst Efficiency)</p> <p>Components: SCR Catalyst</p> <p>Part Number ? Incorrect: 7L8254403FX</p> <p>Part Number ? Correct: 4LQ254400AX</p> <p>Analysis: -Due to a parts catalog error, an incorrect SCR Catalyst may have been installed on some vehicles during a past service repair visit. VW will inspect and, if needed, replace the SCR dosing valve with the correct service part.</p> <p>-An incorrect SCR Catalyst will have a storage capacity that is mismatched to the ECM calibration and may cause SCR-related faults.</p>			2	2
904	<p>Complaint: MIL on</p> <p>DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components: EGR Filter</p> <p>Part Number ? Incorrect: 1K0253120</p> <p>Part Number ? Correct: 1K0253120B</p> <p>Analysis: -Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>-The wrong EGR filter could affect the DPf OBD-diagnosis by not detecting a DPf Fault.</p>			21	21
905	<p>Complaint: MIL on</p> <p>DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components: EGR Filter</p> <p>Part Number ? Incorrect: 1K0253120</p> <p>Part Number ? Correct: 1K0253120B</p> <p>Analysis: -Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>-The wrong EGR filter could affect the DPf OBD-diagnosis by not detecting a DPf Fault.</p>			14	14
906	<p>Some of 2017/2018 model year Fortes equipped with 2.0 liter (MPI) engines might have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0300*P0304 (multiple or single misfire) set. The cause of this problem is an electric short in the ignition coil due to water absorption.</p> <p>To correct this problem, Kia has changed to an improved water resistant ignition coil or RFI spring kit.</p>			3052	1
907	<p>Complaint: MIL on ;</p> <p>DTCs Present: P0456 - EVAP Very Small Leak Detected ;</p> <p>P0450 - EVAP Emission System Pressure Sensor/Switch ;</p> <p>P0441 - EVAP Emission Control System Incorrect Purge Flow ;</p> <p>Component: EVAP Canister Assembly ;</p> <p>Part Number ? Production: 5Q0.201.797 ;</p> <p>Part Number ? Analysis: 5Q0.201.797 ;</p> <p>Part Number ? Replacement: 5Q0.201.797.F ;</p> <p>Analysis: Contamination of the NVLD switch may lead to an internal leak resulting in the OBD monitor reporting a very small leak. This condition has no external or environmental impact.</p>			1410	1410
908	<p>Complaint: MIL on ;</p> <p>DTCs Present: P0456 - EVAP Very Small Leak Detected ;</p> <p>P0450 - EVAP Emission System Pressure Sensor/Switch ;</p> <p>P0441 - EVAP Emission Control System Incorrect Purge Flow ;</p> <p>Component: EVAP Canister Assembly ;</p> <p>Part Number ? Production: 5Q0.201.797 ;</p> <p>Part Number ? Analysis: 5Q0.201.797 ;</p> <p>Part Number ? Replacement: 5Q0.201.797.F ;</p> <p>Analysis: Contamination of the NVLD switch may lead to an internal leak resulting in the OBD monitor reporting a very small leak. This condition has no external or environmental impact.</p>			1410	1410

	A	B	C	D	E	F	G	H	I	J	K	L
909	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 7:51:22		VGA-DR-2019-0000728	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 quattro	
910	Toyota Motor Corporation	TYX	New Submission	Submitted	11/12/2019 15:51:34		TYX-DR-2019-0000939	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	CAMRY XSE	
911	Toyota Motor Corporation	TYX	New Submission	Submitted	11/12/2019 15:51:34		TYX-DR-2019-0000939	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	AVALON XLE	
912	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/15/2019 10:08:56		JLX-DR-2019-0000755	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
913	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
914	Porsche AG	PRX	New Submission	Submitted	9/25/2019 13:52:28		PRX-DR-2019-0000696	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne S	
915	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
916	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	ES 350 F SPORT	
917	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE Plus	
918	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350L AWD	
919	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 2WD	
920	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY XSE	
921	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
922	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
923	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	540d xDrive	

	A	B	C	D	E	F	G	H	I	J	K	L
924	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
925	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
926	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
927	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid ST	4L
928	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo Executive	4L
929	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera	3L
930	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid Exec	4L
931	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB xDrive	
932	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li xDrive	
933	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB	

	M	N	O	P
924		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System
925		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
926		GBMXV03.0N57	2016	Exhaust Gas Recirculation (EGR) System
927 Automatic		JPRXV04.0PH8	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
928 Automatic		JPRXV04.0PV8	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
929 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
930 Automatic		JPRXV04.0PH8	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
931		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
932		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
933		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 555d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2015	6/29/2016	1792	1792
928	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 555d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2013	6/29/2014	10900	10900
929	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 555d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2015	10/30/2016	1209	1209
927	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	352	0
928	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	1324	0
929	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
930	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	352	0
931	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
932	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
933	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963

	A	B	C	D	E	F	G	H	I	J	K	L
934	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i xDrive	
935	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK MANUAL	
936	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY XLE/XSE	
937	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY HYBRID XLE/SE	
938	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 300	
939	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 300 AWD F SPORT	
940	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD	
941	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA AWD	
942	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER LE/XLE/SE/4TD	
943	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY LE/SE	
944	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVALON HYBRID XLE	
945	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350 AWD	
946	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4 HYBRID AWD	
947	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD D-CAB V6 MT OFF-ROAD	
948	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD TRD PRO	
949	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 300 AWD	
950	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350 AWD	
951	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450h AWD	
952	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY XSE	
953	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 300	
954	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA AWD	
955	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER LE/XLE/SE/4TD	
956	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
957	FCU US LLC	CRX	New Submission	Submitted	11/13/2019 6:53:24	4/30/2018 14:22:24	CRX-DR-2019-0000940	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chrysler	Pacifica	
958	American Honda Motor Co., Inc.	HNX	Correction	Submitted	11/13/2019 13:34:27	4/30/2018 14:42:13	HNX-DR-2019-0000429	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC HF	
959	American Honda Motor Co., Inc.	HNX	Correction	Submitted	11/13/2019 13:34:27		HNX-DR-2019-0000429	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC	
960	American Honda Motor Co., Inc.	HNX	Correction	Submitted	11/13/2019 13:34:27		HNX-DR-2019-0000429	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	
961	Audi	ADX	New Submission	Submitted	5/4/2018 9:28:09		ADX-DR-2018-0000086	Defect Report	DR - Catalyst System	Audi	A8	
962	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:20:15	5/2/2018 11:18:42	TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 2WD	
963	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:20:15	5/2/2018 11:18:42	TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 4WD	
964	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:22:24	4/30/2018 14:42:13	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 4WD	
965	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:22:24	4/30/2018 14:42:13	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 2WD	
966	Toyota Motor Corporation	TYX	Correction	Superseded	4/30/2018 14:42:13	5/17/2018 9:45:46	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 4WD	
967	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/8/2018 14:09:01	5/8/2018 14:18:11	VVX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
968	Toyota Motor Corporation	TYX	Correction	Submitted	5/2/2018 11:18:41		TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 4WD	
969	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	PRIUS c	
970	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER	
971	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TACOMA 2WD	
972	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	YARIS iA	
973	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TUNDRA 4WD	
974	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TACOMA 2WD	
975	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 HYBRID AWD	
976	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	ES 300h	
977	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	AVALON HYBRID	
978	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER LE/XLE/SE/4TD	
979	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 HYBRID AWD	
980	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER HYBRID AWD	
981	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	LS 500	
982	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	PRIUS	
983	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	YARIS	
984	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	UX 300 AWD	
985	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TUNDRA 2WD	
986	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TACOMA 4WD	
987	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY XSE	
988	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RX 450h AWD	
989	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	IS 350	
990	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY	
991	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	AVALON	
992	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	GS 350 F SPORT	
993	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TACOMA 2WD	
994	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	LC 500	
995	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER HYBRID AWD	

	M	N	O	P
934		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
935		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
936		KTYXV02.5P3A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
937		KTYXV02.5P3S	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
938		KTYXT02.0K6M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
939		KTYXT02.0K6M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
940		KTYXT03.5P3S	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
941		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
942		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
943		KTYXV02.5P3A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
944		KTYXV02.5P3S	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
945		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
946		KTYXT02.5P3N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
947		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
948		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
949		KTYXT02.0K6M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
950		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
951		KTYXT03.5P3A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
952		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
953		KTYXV02.0M5A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
954		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
955		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
956		GMBXT02.1U2A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
957		JCRXT03.6SP4	2018	Electrical Wiring, Sensor, and Actuator Systems
958		DHNXV01.82C2	2013	On-Board Diagnostic (OBD) System
959		DHNXV01.82C2	2013	On-Board Diagnostic (OBD) System
960		EHNXV03.55C3	2014	On-Board Diagnostic (OBD) System
961		AADXV04.236S	2010	Catalyst System
962		ETXT04.0BEM	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
963		CTXT04.0BEM	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
964		DTXT04.0BEM	2013	On-Board Diagnostic (OBD) System
965		ETXT04.0BEM	2014	On-Board Diagnostic (OBD) System
966		ETXT04.0BEM	2014	On-Board Diagnostic (OBD) System
967		HVXT02.0P3T	2017	Drivetrain/Transmission System
968		ETXT04.0BEM	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
969		JTYXV01.5P3A	2018	Emission Control Information Label
970		JTYXT03.5M5M	2018	Emission Control Information Label
971		JTYXT02.7M5P	2018	Emission Control Information Label
972		JTYXV01.5F6A	2018	Emission Control Information Label
973		JTYXT05.7M5W	2018	Emission Control Information Label
974		JTYXT03.5M5N	2018	Emission Control Information Label
975		JTYXV05.0M5A	2018	Emission Control Information Label
976		JTYXV02.5P3A	2018	Emission Control Information Label
977		JTYXV02.5P3A	2018	Emission Control Information Label
978		JTYXT03.5M5M	2018	Emission Control Information Label
979		JTYXT02.5P3M	2018	Emission Control Information Label
980		JTYXT03.5P3S	2018	Emission Control Information Label
981		JTYXV03.5K6A	2018	Emission Control Information Label
982		JTYXV01.8P33	2018	Emission Control Information Label
983		JTYXV01.5B6B	2018	Emission Control Information Label
984		JTYXT02.0K6M	2018	Emission Control Information Label
985		JTYXT05.7M5W	2018	Emission Control Information Label
986		JTYXT03.5M5N	2018	Emission Control Information Label
987		JTYXV03.5M5B	2018	Emission Control Information Label
988		JTYXT03.5P3A	2018	Emission Control Information Label
989		JTYXV03.5M5A	2018	Emission Control Information Label
990		JTYXV02.5P3A	2018	Emission Control Information Label
991		JTYXV03.5B6C	2018	Emission Control Information Label
992		JTYXV03.5M5A	2018	Emission Control Information Label
993		JTYXT02.7M5P	2018	Emission Control Information Label
994		JTYXV05.0M5A	2018	Emission Control Information Label
995		JTYXT03.5P3S	2018	Emission Control Information Label

	M	N	O	P
986		JTYXT03.5M5M	2018	Emission Control Information Label
997		JTYXV03.5M5A	2018	Emission Control Information Label
998		JTYXV03.5M5A	2018	Emission Control Information Label
999		JTYXV05.0M5A	2018	Emission Control Information Label
1000		JTYXT02.0K6M	2018	Emission Control Information Label
1001		JTYXT02.5F3M	2018	Emission Control Information Label
1002		JTYXV02.5P3A	2018	Emission Control Information Label
1003		JTYXT02.5B6H	2018	Emission Control Information Label
1004		JTYXV03.5M5A	2018	Emission Control Information Label
1005		JTYXV01.8B6A	2018	Emission Control Information Label
1006		JTYXV03.5M5B	2018	Emission Control Information Label
1007		JTYXT03.5M5N	2018	Emission Control Information Label
1008		JNSXV03.5M5M	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1009		JNSXV02.0NJA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1010		JNSXV02.0NJA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1011		JHYXV03.31Y6	2018	Catalyst System
1012		BMBXTO3.0HD2	2011	Electrical Wiring, Sensor, and Actuator Systems
1013		F8MXV03.0N57	2015	Exhaust System (Other than EGR and Catalyst Systems)
1014		EBMXV03.0N57	2014	Exhaust System (Other than EGR and Catalyst Systems)
1015		GVVXT02.0P3T	2016	Drivetrain/Transmission System
1016		JTYXV02.5P3A	2018	Emission Control Information Label
1017		JTYXT04.0B65	2018	Emission Control Information Label
1018		JTYXT04.0B65	2018	Emission Control Information Label
1019		JGMXT05.1382	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1020		JMBXV04.0U2A	2018	Exhaust System (Other than EGR and Catalyst Systems)
1021		FMBXT03.0U2B	2015	On-Board Diagnostic (OBD) System
1022		FMBXV02.0U2A	2014	On-Board Diagnostic (OBD) System
1023		HMBXV02.0U2A	2017	On-Board Diagnostic (OBD) System
1024		JMBXV03.0U2A	2018	On-Board Diagnostic (OBD) System
1025		JMBXT03.0U2B	2018	On-Board Diagnostic (OBD) System
1026		DHXXV01.61CE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1027		CHXXV01.6RW5	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1028	CVT	DHXXV02.4NC3	2013	Emission Control Information Label
1029		PHNXV03.5GA3	2015	Emission Control Information Label
1030	CVT	HHNXV01.5562	2017	Emission Control Information Label
1031		DKMXV01.6DBE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1032		GKMXV01.6DBE	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1033		EHXXV01.61CE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1034		DHXXV01.61CE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1035		GVGAV02.0VBD	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
1036	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/14/2018 14:17:51		VGA-DR-2018-0000195	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta	
1037	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/14/2018 14:17:51		VGA-DR-2018-0000195	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Beetle Convertible	
1038	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
1039	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
1040	Jaguar Cars Limited	JCX	New Submission	Submitted	6/18/2018 9:36:20		JCX-DR-2018-0000211	Defect Report	DR - Catalyst System			
1041	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Coupe	
1042	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Coupe	
1043	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X6 xDrive50i	
1044	Porsche AG	PRX	New Submission	Superseded	6/4/2018 13:25:39	6/4/2018 13:30:04	PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
1045	Porsche AG	PRX	New Submission	Superseded	6/4/2018 13:25:39	6/4/2018 13:30:04	PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
1046	BMW	BMX	New Submission	Submitted	7/2/2018 3:09:46		BMX-DR-2018-0000244	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	

	M	N	O	P
1036		GVGAW02.0VBD	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1037		FVGAW02.0VPD	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1038		EILXT03.0001	2014	Catalyst System
1039		EILXV05.0FAM	2014	Catalyst System
1040		DJCKV05.0FAM	2013	Catalyst System
1041		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1042		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1043		EBMXV04.4F15	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1044 Automatic		DPRXT03.0CDD	2013	Exhaust Gas Recirculation (EGR) System
1045 Automatic		EPRXT03.0CDD	2014	Exhaust Gas Recirculation (EGR) System
1046		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA) 1036			93363	93363
	Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA) 1037			120135	120135
	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM). 1038			7190	54
	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM). 1039			2030	12
	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM). 1040			1735	52
	The part number 13537645956 relates to the component injection valve. Analysis have shown, that the component has been replaced in about 65% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant par 1041 The part number 13537645956 relates to the component injection valve. Analysis have shown, that the component has been replaced in about 65% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant par 1042 The part number 13537645956 relates to the component injection valve. Analysis have shown, that the component has been replaced in about 65% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant par 1043 The part number 13537645956 relates to the component injection valve. Analysis have shown, that the component has been replaced in about 65% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant par 1044 Exhaust gas recirculation coolers, part number 95811101170, are being replaced in the field for MIL illumination. The most frequent fault codes stored are P24S800 and/or P040B00. 1045 Exhaust gas recirculation coolers, part number 95811101170, are being replaced in the field for MIL illumination. The most frequent fault codes stored are P24S800 and/or P040B00. 1046	2/28/2013 2/28/2013 3/31/2013 5/1/2015	6/29/2014 6/29/2014 12/30/2014 4/30/2013	15264 15264 4614 5026 4697	3588 3588 536 59 84
	The affected part number 13537823399 relates to the INJECTOR LEAKAGE LINE. Analysis have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX703.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/147-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component INJECTOR LEAKAGE LINE is/was working properly and has/had no malfunction. 1046	7/31/2014	6/30/2015	7396	967

	A	B	C	D	E	F	G	H	I	J	K	L
1047	BMW	BMX	New Submission	Superseded	6/26/2018 7:25:24	6/29/2018 2:43:33	BMX-DR-2018-0000240	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
1048	BMW	BMX	New Submission	Superseded	6/26/2018 8:52:35	6/29/2018 2:48:38	BMX-DR-2018-0000241	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
1049	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman S	2.5
1050	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster	2.0
1051	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster S	2.5
1052	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster	2.0
1053	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4S	3.8L
1054	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4 GTS Cabriolet	3.8L
1055	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera S	3.8L

	M	N	O	P
1047		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1048		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1049	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
1050	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
1051	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
1052	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
1053	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1054	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1055	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>The affected part number 13537805423 relates to the Pressure Accumulator (Fuel Rail). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX103.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component pressure accumulator (fuel rail) is/was working properly and has/had no malfunction.</p>	7/31/2014	6/30/2015	1832	255
1042	<p>The affected part number 13537800601 relates to the Pressure Accumulator (Fuel Rail). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component pressure accumulator (fuel rail) is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	1483	153
1049	<p>7 pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU. 7 Part are being replaced due to defective ceramic elements 7 Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	111
1050	<p>7 pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU. 7 Part are being replaced due to defective ceramic elements 7 Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	111
1051	<p>7 pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU. 7 Part are being replaced due to defective ceramic elements 7 Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	111
1052	<p>7 pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU. 7 Part are being replaced due to defective ceramic elements 7 Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	111
1053	<p>Thermostat Inserts (part#: 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.</p>	6/4/2013	5/20/2014	10374	60
1054	<p>Thermostat Inserts (part#: 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.</p>			9799	36
1055	<p>Thermostat Inserts (part#: 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.</p>			9799	36

	A	B	C	D	E	F	G	H	I	J	K	L
1056	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4 Cabriolet	3.4L
1057	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S	3.8L
1058	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera Cabriolet	3.4L
1059	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo S	3.8L
1060	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
1061	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
1062	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 FWD	
1063	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 AWD	

	M	N	O	P
1056	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1057	Automatic and Manual.	FPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1058	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1059	Automatic.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1060		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1061		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1062		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1063		GVVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>1056 Wax element defective.</p>			9799	36
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>1057 Wax element defective.</p>	6/4/2013	5/20/2014	10574	60
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>1058 Wax element defective.</p>			9799	36
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>1059 Wax element defective.</p>			9799	36
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1060</p>			25226	25226
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1061</p>			15300	15300
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1062</p>			33971	33971
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1063</p>			15300	15300

	A	B	C	D	E	F	G	H	I	J	K	L
1004	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
1005	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 FWD	
1006	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
1007	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
1008	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster S	2.5
1009	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera S Cabriolet	3.0 I
1070	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Targa 4S	3.0 I
1071	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4 Cabriolet	3.0 I

	M	N	O	P
1064		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1065		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1066		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1067		FVXXV02.053T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1068	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
1069	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1070	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1071	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
1064	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
1065	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33971	33971
1066	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
1067	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8211	8211
1068	<p>? pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU.</p> <p>? Part are being replaced due to defective ceramic elements</p> <p>? Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	86
1069	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
1070	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
1071	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99

	A	B	C	D	E	F	G	H	I	J	K	L
1072	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4S Cabriolet	3.0 l
1073	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Targa 4S	3.8L
1074	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Targa 4	3.4L
1075	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4S	3.8L
1076	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo S	3.8L
1077	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4S Cabriolet	3.8L
1078	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo	3.8L
1079	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera	3.4L
1080	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera GT5 Cabriolet	3.8L

	M	N	O	P
1072	Manual and Automatic	HPRXV03.DC91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1073	Automatic and Manual	FPRXV04.DC91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1074	Automatic and Manual	FPRXV04.DC91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1075	Automatic and Manual	FPRXV04.DC91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1076	Automatic	FPRXV04.DC91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1077	Automatic and Manual	FPRXV04.DC91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1078	Automatic	EPRXV03.BC91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1079	Automatic and Manual	EPRXV03.BC91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1080	Automatic and Manual	FPRXV04.DC91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
1072	Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P2406 and P04F0 stored in the Engine ECU. Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.	1/11/2016	3/24/2017	8292	99
1073	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
1074	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
1075	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
1076	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
1077	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
1078	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
1079	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
1080	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78

	A	B	C	D	E	F	G	H	I	J	K	L
1001	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera S Cabriolet	3.8L
1002	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4 Cabriolet	3.4L
1003	Porsche AG	PRX	New Submission	Submitted	6/27/2018 15:40:19		PRX-DR-2018-0000252	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Porsche	Macan Turbo	3.6L
1004	Land Rover	LRX	New Submission	Submitted	6/18/2018 9:54:07		LRX-DR-2018-0000212	Defect Report	DR - Catalyst System			
1005	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera S	3.8L
1006	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera	3.4L
1007	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera Cabriolet	3.4L

	M	N	O	P
1001	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1002	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1003	Automatic	FPRXT03.6MT6	2015	Air Inlet System (Including Turbo and Superchargers)
1004		DLRXT05.0002	2013	Catalyst System
1005	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1006	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1007	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
	Throttle body hoses (part numbers 95B145832A, 95B145832B and 95B145832C) are being replaced in the field for illuminating the MIL and partial loss of engine power. Fault P0299 is usually stored. The boot becomes dislodged from the throttle body, causing an air leak. Analysis found that it was improper assembly at the factory was the cause. The boot and assembly process were changed to make assembly easier and more secure.			3209	26
	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).			5349	115
	? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action. ? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set. ? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.	6/6/2013	5/27/2014	10574	47
	? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action. ? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set. ? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.	6/6/2013	5/27/2014	10574	47
	? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action. ? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set. ? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.	6/6/2013	5/27/2014	10574	47

	A	B	C	D	E	F	G	H	I	J	K	L
1088	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4 Cabriolet	3.4L
1089	Hyundai Motor Company	HYX	New Submission	Superseded	7/12/2018 15:57:15	10/5/2018 11:27:52	HYX-DR-2018-0000290	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Sonata plug-in hybrid	
1090	Kia Motors Corporation	KMX	Correction	Superseded	7/12/2018 16:17:44	9/20/2018 11:53:28	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sedona	
1091	Kia Motors Corporation	KMX	Correction	Superseded	7/12/2018 16:17:44	9/20/2018 11:53:28	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Optima	
1092	Kia Motors Corporation	KMX	Correction	Superseded	7/12/2018 16:17:44	9/20/2018 11:53:28	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento AWD	
1093	Kia Motors Corporation	KMX	Correction	Superseded	7/12/2018 16:17:44	9/20/2018 11:53:28	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger AWD	
1094	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata SE	
1095	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/6/2018 13:35:06		NSX-DR-2018-0000256	Defect Report	DR - Emission Control Information Label	INFINITI	QX30 AWD	2.0L
1096	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/6/2018 13:35:06		NSX-DR-2018-0000256	Defect Report	DR - Emission Control Information Label	INFINITI	QX30	2.0L
1097	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata	
1098	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD	
1099	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
1100	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350	
1101	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350	
1102	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 F SPORT	
1103	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:26:11		TYX-DR-2018-0000287	Defect Report	DR - Ignition System	LEXUS	LS 500 AWD	
1104	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i xDrive Sports Wagon	

	M	N	O	P
1088	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1089		GHYXV02.01M2	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1090		KKMXT03.3KJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1091		KKMXV02.0DG5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1092		KKMXV03.3UJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1093		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1094		JHYXV02.4AJ5	2018	Emission Control Information Label
1095		HNSKV02.0NKA	2017	Emission Control Information Label
1096		HNSKV02.0NKA	2017	Emission Control Information Label
1097		JHYXV02.4AJ5	2018	Emission Control Information Label
1098		HTYXT03.5M5N	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1099		HTYXV03.5M5A	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1100		GTYXT03.5MER	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1101		HTYXT03.5M5M	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1102		HTYXV03.5M5A	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1103		JTYXV03.5K6A	2018	Ignition System
1104		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1105	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i	
1106	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER COUNTRYMAN	
1107	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S CONVERTIBLE	
1108	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	740i	
1109	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X1 sDrive28i	
1110	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i xDrive Gran Coupe	
1111	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JOHN COOPER WORKS HARDTOP	

	M	N	O	P
1105		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1106		KBMXV01.5M3X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1107		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1108		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1109		JBMXV02.0B46	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1110		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1111		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1112	Jaguar Cars Limited	JCX	New Submission	Submitted	7/2/2018 14:09:37		JCX-DR-2018-0000264	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
1113	Land Rover	LRX	New Submission	Submitted	7/2/2018 14:19:55		LRX-DR-2018-0000265	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
1114	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible	
1115	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive Gran Turismo	
1116	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Gran Coupe	
1117	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Gran Coupe	
1118	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B6 Gran Coupe xDrive	

	M	N	O	P
1112		DJCKV02.0FTN	2013	Air Inlet System (Including Turbo and Superchargers)
1113		DLRKT02.0001	2013	Air Inlet System (Including Turbo and Superchargers)
1114		DBMXV04.4N63	2013	Crankcase Ventilation System
1115		DBMXV04.4N63	2013	Crankcase Ventilation System
1116		DBMXV04.4N63	2013	Crankcase Ventilation System
1117		FBMXV04.4N63	2015	Crankcase Ventilation System
1118		FBMXV04.4N63	2015	Crankcase Ventilation System

	Q	R	S	T	U
	Acustomer may report the malfunction indicator lamp (MIL) is illuminated, lack of power and sometimes noise coming from the engine bay. The stored diagnostic trouble code (DTC) points to "turbocharger under-boost" which results from a failure of the Turbo-Exhaust Manifold. 1112 Jaguar Land Rover introduced a brazed scroll manifold which at high time in service is starting to disintegrate. The root cause being a combination of thermal fatigue and vibrations which will make the joints loose.			3405	1089
	Acustomer may report the malfunction indicator lamp (MIL) is illuminated, lack of power and sometimes noise coming from the engine bay. The stored diagnostic trouble code (DTC) points to "turbocharger under-boost" which results from a failure of the Turbo-Exhaust Manifold. 1113 Jaguar Land Rover introduced a brazed scroll manifold which at high time in service is starting to disintegrate. The root cause being a combination of thermal fatigue and vibrations which will make the joints loose.			18067	5781
	The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.	6/30/2012	5/31/2013	39763	2400
	The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.	6/30/2012	5/31/2013	39763	2400
	The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.	6/30/2012	5/31/2013	39763	2400
	The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.	2/28/2014	4/29/2014	1150	100
	The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.	2/28/2014	4/29/2014	1150	100

	A	B	C	D	E	F	G	H	I	J	K	L
1119	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750i xDrive	
1120	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1121	Hyundai Motor Company	HYX	Correction	Superseded	7/5/2018 17:04:33	10/9/2018 10:26:38	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
1122	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS Eco	
1123	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS Eco	
1124	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS	
1125	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY HYBRID XLE/SE	
1126	FCAUS LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500	
1127	FCAUS LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	
1128	FCAUS LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500	
1129	FCAUS LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
1130	FCAUS LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Giulia	

	M	N	O	P
1119		EBMXV04.4N63	2014	Crankcase Ventilation System
1120		BMBXT03.0U28	2011	Electrical Wiring, Sensor, and Actuator Systems
1121		CHYXV01.6RW5	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1122		HTYXV01.8P34	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1123		GTYXV01.8P34	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1124		JTYXV01.8P34	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1125		JTYXV02.5P33	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1126		HCRXV01.45P1	2017	On-Board Diagnostic (OBD) System
1127		FCRXJ01.45P0	2015	On-Board Diagnostic (OBD) System
1128		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
1129		FCRXJ01.45P0	2015	On-Board Diagnostic (OBD) System
1130		JCRXJ02.05P0	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>Accomplete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p> <p>1119</p> <p>1120</p> <p>1121</p> <p>1122</p> <p>1123</p> <p>1124</p> <p>1125</p>	<p>2/28/2013</p> <p>4/28/2014</p> <p>15633</p> <p>1200</p> <p>4708</p> <p>69780</p> <p>39926</p> <p>55893</p> <p>6896</p> <p>11159</p>			
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p> <p>1126</p>				<p>916</p> <p>916</p>
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p> <p>1127</p>				<p>293</p> <p>293</p>
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p> <p>1128</p>				<p>1061</p> <p>1061</p>
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p> <p>1129</p>				<p>293</p> <p>293</p>
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p> <p>1130</p>				<p>19486</p> <p>19486</p>

	A	B	C	D	E	F	G	H	I	J	K	L
1131	FCAUS LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	124 Spider	
1132	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Boxster	2.7L
1133	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4	3.4L
1134	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S	3.8L
1135	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 10:44:58		GMX-DR-2018-0000183	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	VOLT	
1136	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:34:53		GMX-DR-2018-0000325	Defect Report	DR - Hybrid Vehicle System			
1137	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	ACADIA FWD	
1138	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	ACADIA AWD	
1139	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	VOLT	
1140	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Cadillac	CTS	
1141	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	TERRAIN	
1142	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
1143	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA FE+	1.8
1144	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
1145	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	1.6

	M	N	O	P
1131		JCRXJ01.45P0	2018	On-Board Diagnostic (OBD) System
1132	Automatic and manual.	EPRXV02.7B81	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1133	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1134	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1135		DGMXV01.4001	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
1136		FGMXV01.4001	2013	Hybrid Vehicle System
1137		JGMXT02.5201	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1138		JGMXT02.5201	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1139		JGMXV01.5020	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1140		JGMXV02.0031	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1141		JGMXT01.5090	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1142		GNSXV01.8G1A	2016	On-Board Diagnostic (OBD) System
1143		ENSXV01.8G1A	2014	On-Board Diagnostic (OBD) System
1144		ENSXV01.8G1A	2014	On-Board Diagnostic (OBD) System
1145		ENSXV01.6G4A	2014	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
1146	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA SR	2.5
1147	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5
1148	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
1149	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	1.6
1150	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5
1151	Porsche AG	PRX	New Submission	Submitted	7/25/2018 13:34:38		PRX-DR-2018-0000333	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Cayenne	3.6L
1152	Porsche AG	PRX	New Submission	Submitted	7/25/2018 13:34:38		PRX-DR-2018-0000333	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Cayenne	3.6L
1153	Porsche AG	PRX	New Submission	Submitted	7/18/2018 9:09:08		PRX-DR-2018-0000311	Defect Report	DR - Ignition System	Porsche	Macan S	3.0L
1154	Porsche AG	PRX	New Submission	Submitted	7/18/2018 10:43:11		PRX-DR-2018-0000313	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Panamera 4	3.6L
1155	Porsche AG	PRX	New Submission	Superseded	7/18/2018 13:45:52	8/21/2018 10:45:00	PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera	3.0L
1156	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 AWD	

	M	N	O	P
1146		GNSXV02.535A	2016	On-Board Diagnostic (OBD) System
1147		FNSXV02.5G5A	2015	On-Board Diagnostic (OBD) System
1148		ENSXV01.881B	2014	On-Board Diagnostic (OBD) System
1149		DNSXV01.6G4A	2013	On-Board Diagnostic (OBD) System
1150		FNSXV02.585A	2015	On-Board Diagnostic (OBD) System
1151 Automatic:		GPRXV03.6PV6	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1152 Automatic:		EPRXV03.6C8D	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1153 Automatic:		FPRXV03.6MCS	2015	Ignition System
1154 Automatic:		EPRXV03.6PBD	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1155 Automatic:		HPRXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
1156		DTYXV03.58EB	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.</p> <p>1146 Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			1869	0
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.</p> <p>1147 Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			15277	3
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.</p> <p>1148 Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			1770	0
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.</p> <p>1149 Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			2730	28
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.</p> <p>1150 Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p> <p>1151 High pressure fuel pumps, part numbers 95811031601, 95811031602 and 95811031603, are being replaced in the field for MIL illumination and customer complaints of hesitation when driving. The most frequent faults stored are P008700, P217700 and P229400.</p> <p>1152 High pressure fuel pumps, part numbers 95811031601, 95811031602 and 95811031603, are being replaced in the field for MIL illumination and customer complaints of hesitation when driving. The most frequent faults stored are P008700, P217700 and P229400.</p> <p>1153 Spark plugs (Part Number 99917023390) are being replaced in the field for illuminating the MIL. Misfire codes are usually stored, which prompts immediate customer action.</p> <p>1154 Oil line restrictors are being replaced in the field for MIL illumination. Fault codes most frequently stored are P1372 for valve lift and P000A, P000C camshaft slow response for bank 1 and bank 2, respectively.</p>	6/13/2013	8/22/2014	3038 14489 10729 12718 3174	0 56 77 60 42
	<p>Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200: "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean"</p> <p>1155 Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material. Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software was changed.</p>			3107	261
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p> <p>1156</p>			1403	1403

	A	B	C	D	E	F	G	H	I	J	K	L
1157	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 C	
1158	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	
1159	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
1160	Porsche AG	PRX	New Submission	Submitted	7/18/2018 14:41:41		PRX-DR-2018-0000317	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne GTS	4.8L
1161	Hyundai Motor Company	HYX	New Submission	Submitted	7/27/2018 16:46:13		HYX-DR-2018-0000361	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	HYUNDAI	Sonata SPORT/LIMITED	
1162	Hyundai Motor Company	HYX	New Submission	Submitted	7/27/2018 16:46:13		HYX-DR-2018-0000361	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	HYUNDAI	Sonata	

	M	N	O	P
1157		ETYXV03.5BEB	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1158		ATYXV03.5BEB	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1159		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1160 Automatic		EPRXT04.8CSD	2014	Electrical Wiring, Sensor, and Actuator Systems
1161		FHYXV02.41JE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1162		FHYXV02.01HE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
1157	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			924	924
1158	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			12978	12978
1159	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			10039	10039
1160	<p>Inductive pickup/transmitters (part number 7PP905381A and 7PP905381B) are being replaced in the field for illuminating the MIL. Customers have also complained of "Engine reduced power" warnings and no starts. The inductive pickup/transmitter is responsible for communicating crankshaft position measurements to the vehicle's DME to determine ignition and fuel delivery timing. Inaccurate position data causes inefficient combustion which could affect vehicle emissions. Analysis shows that there was an issue with the increment and decrement counter for crankshaft sensor synchronization in the Engine ECU software. The software was updated.</p>	2/6/2013	5/27/2014	4166	69
1161	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to perform a software update on 2015 MY Sonata vehicles equipped with 2.4L 2.0L GDI engines to protect the engine from connecting rod bearing damage. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			135809	0
1162	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to perform a software update on 2015 MY Sonata vehicles equipped with 2.4L 2.0L GDI engines to protect the engine from connecting rod bearing damage. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			25278	0

	A	B	C	D	E	F	G	H	I	J	K	L
1163	Hyundai Motor Company	HYX	New Submission	Submitted	7/27/2018 16:46:13		HYX-DR-2018-0000361	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	HYUNDAI	Sonata	
1164	Kia Motors Corporation	KMX	New Submission	Submitted	7/27/2018 17:26:29		KMX-DR-2018-0000362	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento AWD	
1165	Kia Motors Corporation	KMX	New Submission	Submitted	7/27/2018 17:26:29		KMX-DR-2018-0000362	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento 2WD	
1166	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 13:55:39		VGA-DR-2018-0000377	Defect Report	DR - Crankcase Ventilation System	Bentley	Continental GT	
1167	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 13:55:39		VGA-DR-2018-0000377	Defect Report	DR - Crankcase Ventilation System	Audi	A8	
1168	BMW	BMX	New Submission	Submitted	8/8/2018 4:08:38		BMX-DR-2018-0000389	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740Ld xDrive	
1169	General Motors LLC	GMX	New Submission	Submitted	8/8/2018 18:43:34		GMX-DR-2018-0000364	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1170	General Motors LLC	GMX	New Submission	Submitted	8/8/2018 18:46:49		GMX-DR-2018-0000363	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1171	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1172	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1173	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1174	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1175	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
1163		FHYXV02.42JP	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1164		FKMXV02.44PE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1165		FKMXV02.44PE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1166		FVGAV04.0NUA	2015	Crankcase Ventilation System
1167		FVGAV04.0NUA	2015	Crankcase Ventilation System
1168		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1169		FQMXTO4.5187	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1170		JGMXT03.6161	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1171		BNBXT03.0HD1	2011	Electrical Wiring, Sensor, and Actuator Systems
1172		AMBXT03.0HD2	2010	Electrical Wiring, Sensor, and Actuator Systems
1173		AMBXT03.0HD1	2010	Electrical Wiring, Sensor, and Actuator Systems
1174		DMBXT03.0HD2	2013	Electrical Wiring, Sensor, and Actuator Systems
1175		CMBXT03.0HD1	2012	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to perform a software update on 2015 MY Sonata vehicles equipped with 2.4L 2.0L GDI engines to protect the engine from connecting rod bearing damage. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). 1163 Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.			72912	0
	Kia Motors America, Inc. is conducting an important Product Improvement Campaign to perform a software update on 2015 MY Sorento vehicles equipped with 2.4L GDI engines to protect the engine from connecting rod bearing damage. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). 1164 Kia recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.			62254	0
	Kia Motors America, Inc. is conducting an important Product Improvement Campaign to perform a software update on 2015 MY Sorento vehicles equipped with 2.4L GDI engines to protect the engine from connecting rod bearing damage. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). 1165 Kia recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.			62254	0
	Customer Complaint: MIL on, and whistling sound from engine compartment. Component: PCV Valve/Oil Separator Production Part Number: 079103542B Warranty Replacement Part Number: 079103542E DTC present: - P2297 (Intake Air System Leak - adaption value monitoring) - P0507 (Idle Control System - RPM Higher than expected) Analysis reflects part number 079103542B 1166 Analyzed components showed a cracked membrane and/or broken check valve within the module of crankcase ventilation system.			4827	262
	Customer Complaint: MIL on, and whistling sound from engine compartment. Component: PCV Valve/Oil Separator Production Part Number: 079103542B Warranty Replacement Part Number: 079103542E DTC present: - P2297 (Intake Air System Leak - adaption value monitoring) - P0507 (Idle Control System - RPM Higher than expected) Analysis reflects part number 079103542B 1167 Analyzed components showed a cracked membrane and/or broken check valve within the module of crankcase ventilation system.			4827	262
	The affected part number 13537805423 relates to the PRESSURE ACCUMULATOR (FUEL RAIL). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/047-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component PRESSURE ACCUMULATOR (FUEL RAIL) is/was working properly and has/had no malfunction. 1169 On the affected vehicles, in-tank fuel pump module electrical connector contacts were manufactured to larger than intended dimensional tolerance. In certain cases a smaller mail pin can result in an intermittent electrical connection between in the in-tank fuel pump module and the wiring harness. 1170 In certain vehicles, fuel in the high pressure fuel pump may hydraulically force open the pressure regulator valve prior to the control system commanding this valve to open. If this occurs it is possible for this valve movement to induce a back-EMF voltage into the engine control module circuit. The engine control module detects such a change in voltage as a control circuit fault and, then 1171 DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated. 1172 DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated. 1173 DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated. 1174 DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated. 1175 DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.	6/30/2014	5/31/2015	1505 22833 78458 12104 2902 5566 6539 15006	348 32 54 1423 150 61 288 1204

	A	B	C	D	E	F	G	H	I	J	K	L
1176	BMW	BMX	New Submission	Submitted	8/7/2018 3:55:22		BMX-DR-2018-0000387	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
1177	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:27:17		PRX-DR-2018-0000371	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne	3.6L
1178	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:41:10		PRX-DR-2018-0000372	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne	3.6L
1179	Porsche AG	PRX	New Submission	Superseded	8/2/2018 14:04:26	8/2/2018 14:12:27	PRX-DR-2018-0000373	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne	3.6L
1180	Porsche AG	PRX	New Submission	Superseded	8/2/2018 14:04:26	8/2/2018 14:12:27	PRX-DR-2018-0000373	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne	3.6L
1181	Porsche AG	PRX	Correction	Submitted	8/2/2018 14:12:27		PRX-DR-2018-0000373	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne	3.6L
1182	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	Alpina B7 SWB xDrive	
1183	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	650i xDrive Gran Coupe	
1184	BMW	BMX	New Submission	Submitted	8/8/2018 4:02:15		BMX-DR-2018-0000378	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	i8	
1185	Mercedes Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
1186	Mercedes Benz	MBX	New Submission	Submitted	8/13/2018 4:02:18		MBX-DR-2018-0000405	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
1187	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h AWD	
1188	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350 AWD	
1189	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350 AWD	
1190	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TUNDRA 2WD FFV	
1191	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	SEQUOIA 4WD FFV	
1192	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	SEQUOIA 4WD FFV	
1193	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350 AWD	
1194	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350 AWD	
1195	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350	
1196	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350	

	A	B	C	D	E	F	G	H	I	J	K	L
1197	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 450H	
1198	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
1199	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
1200	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 450h	
1201	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 GT3	3.8L
1202	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Turbo Cabriolet	3.8L
1203	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera S	3.8L

	M	N	O	P
1197		8TYXV03.5CC4	2008	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1198		ATYXV03.5BEB	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1199		9TYXV03.5BEB	2009	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1200		BTYXV03.5CC4	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1201	Automatic.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
1202	Automatic.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
1203	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
1197	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			773	773
1198	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			12978	12978
1199	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			6829	6829
1200	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			425	425
1201	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			10578	146
1202	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			10578	146
1203	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			10578	146

	A	B	C	D	E	F	G	H	I	J	K	L
1204	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera 4	3.4L
1205	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster S	3.4L
1206	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman	2.7L
1207	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera 4 Cabriolet	3.4L
1208	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:47:38		PRX-DR-2018-0000523	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne Turbo	4.8L
1209	Porsche AG	PRX	New Submission	Submitted	8/31/2018 9:22:28		PRX-DR-2018-0000524	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne Turbo S	4.8L
1210	Volvo Car USA, LLC	VXX	New Submission	Submitted	9/5/2018 11:50:15		VXX-DR-2018-0000534	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
1211	Volvo Car USA, LLC	VXX	New Submission	Submitted	9/5/2018 11:50:15		VXX-DR-2018-0000534	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			

	M	N	O	P
1204	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
1205	Automatic and Manual	EPRXV03.4B81	2014	Electrical Wiring, Sensor, and Actuator Systems
1206	Automatic and Manual	EPRXV02.7B81	2014	Electrical Wiring, Sensor, and Actuator Systems
1207	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
1208	Automatic.	EPRXT04.8CTD	2014	Electrical Wiring, Sensor, and Actuator Systems
1209	Automatic.	GPRXT04.8CTD	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1210		HVVXT02.0P3T	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1211		JVWXI02.0P30	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are:</p> <p>P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance</p> <p>1204 Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			10578	146
	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are:</p> <p>P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance</p> <p>1205 Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			4814	34
	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are:</p> <p>P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance</p> <p>1206 Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			5441	43
	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are:</p> <p>P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance</p> <p>1207 Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p> <p>1208 Knock Sensor (part#99760612100) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored faults are: P0326, P0327 : Knock Sensor Circuit Range / Performance Bank 1, 2</p>			10578 1423	146 27
	<p>? Tank Vent Purge Valves (part# 94811002063, 94811002012, & 94811002013) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>? Desired pressure drop in the evaporative emissions system is not reached in the specified time limit when the purge valve is commanded closed setting DTC P0455.</p> <p>? Analyses revealed a damaged membrane of the purge valve due to fuel contamination. This leads to an incomplete closing of the valve.</p> <p>1209 ? An improved Tank Vent Purge Valve from a different manufacturer can be used</p>			926	24
	<p>The cooling circuit for the electric drivetrain (PHEV), maintains a controlled operating temperature for the following electrical components thru the low temperature cooling circuit:</p> <p>? Inverter Electric Rear Axle Drive Module (IEM). ? Electric Rear Axle Drive (ERAD). ? On-Board Charger Module (OBC). ? Inverter Generator Module (IGM).</p> <p>The electric drivetrain coolant thermostat (ED), within the low temperature cooling circuit, is a typical wax thermostat, and controls coolant flow to the Hybrid drive radiator (Unit has separate radiator).</p> <p>Initial analysis of returned coolant thermostats indicate wax leakage from within the copper capsule/bulb. Failures of this type result in closed thermostat condition.</p> <p>1210</p>			2680	2680
	<p>The cooling circuit for the electric drivetrain (PHEV), maintains a controlled operating temperature for the following electrical components thru the low temperature cooling circuit:</p> <p>? Inverter Electric Rear Axle Drive Module (IEM). ? Electric Rear Axle Drive (ERAD). ? On-Board Charger Module (OBC). ? Inverter Generator Module (IGM).</p> <p>The electric drivetrain coolant thermostat (ED), within the low temperature cooling circuit, is a typical wax thermostat, and controls coolant flow to the Hybrid drive radiator (Unit has separate radiator).</p> <p>Initial analysis of returned coolant thermostats indicate wax leakage from within the copper capsule/bulb. Failures of this type result in closed thermostat condition.</p> <p>1211</p>			2987	2987

	A	B	C	D	E	F	G	H	I	J	K	L
1212	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X1 sDrive28i	
1213	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	740i xDrive	
1214	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i xDrive Coupe	
1215	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER HARDTOP 2 DOOR	
1216	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	MINI COOPER SE COUNTRYMAN ALL4	
1217	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i xDrive Convertible	
1218	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S COUNTRYMAN	

	M	N	O	P
1212		JBMXV02.0846	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1213		KBMXV03.0858	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1214		KBMXV03.0858	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1215		KBMXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1216		KBMXV01.5H60	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1217		KBMXJ02.084X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1218		KBMXV02.0846	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1219	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER COUNTRYMAN	
1220	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	540i	
1221	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i xDrive Convertible	
1222	Porsche AG	PBX	Correction	Submitted	9/12/2018 13:08:52		PBX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
1223	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/14/2018 14:03:13		HNX-DR-2018-0000580	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	NSX	
1224	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
1225	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
1226	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	TUNDRA 2WD	
1227	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	SEQUOIA 2WD	
1228	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	530i	
1229	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	540d xDrive	

	M	N	O	P
1219		KBMXV01.5M3X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1220		JBMXJ03.0B5X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1221		JBMXV03.0B3X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1222 Automatic		GPBX103.0C00	2016	Exhaust Gas Recirculation (EGR) System
1223		JHNV03.5CH4	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1224		FTYXV02.5BED	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1225		HTYXV02.5B6D	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1226		JTYXT04.6B6W	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1227		HTYXT05.7B6Y	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1228		JBMXJ02.0B4X	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1229		JBMXV03.0B57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1230	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 xDrive	
1231	Kia Motors Corporation	KMX	New Submission	Superseded	9/4/2018 13:14:21	9/18/2018 14:29:35	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
1232	Kia Motors Corporation	KMX	New Submission	Superseded	9/4/2018 13:14:21	9/18/2018 14:29:35	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
1233	FCA US LLC	CRX	New Submission	Submitted	8/27/2018 14:52:47		CRX-DR-2018-0000509	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	ALFA ROMEO	Giulia AWD	
1234	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2dr	1.5L
1235	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
1236	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
1237	Kia Motors Corporation	KMX	Correction	Superseded	9/24/2018 16:09:32	9/24/2018 16:20:30	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
1238	Kia Motors Corporation	KMX	Correction	Superseded	9/24/2018 16:03:32	9/24/2018 16:20:30	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
1239	Kia Motors Corporation	KMX	Correction	Superseded	9/18/2018 14:58:47	9/21/2018 12:02:26	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
1240	Kia Motors Corporation	KMX	Correction	Submitted	9/21/2018 15:37:09		KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
1241	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		KMX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1242	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1243	Kia Motors Corporation	KMX	Correction	Superseded	9/19/2018 15:24:13	9/21/2018 15:37:09	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
1244	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2018 15:58:01	9/19/2018 16:13:26	KMX-DR-2018-0000291	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
1245	Mercedes Benz	MBX	New Submission	Submitted	9/20/2018 4:01:14		MBX-DR-2018-0000594	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
1246	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2018 9:57:55		KMX-DR-2018-0000059	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
1247	Kia Motors Corporation	KMX	Correction	Superseded	9/20/2018 11:53:27	10/3/2018 15:53:57	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger RWD	
1248	Kia Motors Corporation	KMX	Correction	Superseded	9/20/2018 11:53:27	10/3/2018 15:53:57	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento FWD	
1249	FCA US LLC	CRX	New Submission	Submitted	9/20/2018 16:01:48		CRX-DR-2018-0000592	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
1250	FCA US LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4x4	
1251	FCA US LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler Unlimited 4x4	
1252	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	9/26/2018 14:30:40		NSX-DR-2018-0000578	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50Q	3.0
1253	General Motors LLC	GMX	New Submission	Submitted	9/30/2018 16:54:44		GMX-DR-2018-0000597	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1254	General Motors LLC	GMX	New Submission	Submitted	9/30/2018 16:54:44		GMX-DR-2018-0000597	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1255	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata	
1256	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 AWD	

	A	B	C	D	E	F	G	H	I	J	K	L
1257	Porsche AG	PRX	New Submission	Superseded	10/3/2018 10:11:36	10/3/2018 12:56:43	PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera 4	3.0L
1258	Porsche AG	PRX	New Submission	Superseded	10/3/2018 10:11:36	10/3/2018 12:56:43	PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera	3.0L
1259	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 10:26:38	10/3/2018 11:05:12	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	VELOSTER	
1260	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 10:26:38	10/3/2018 11:05:12	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
1261	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:30:39		HYX-DR-2018-0000292	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	OPTIMA HYBRID	
1262	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima	
1263	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima S	
1264	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata SE	
1265	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima FE	
1266	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
1267	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V FWD	
1268	Toyota Motor Corporation	TYX	New Submission	Submitted	9/28/2018 15:34:51		TYX-DR-2018-0000606	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE Plus	
1269	Audi	ADX	New Submission	Submitted	10/18/2018 10:07:50		ADX-DR-2018-0000636	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	RS5	
1270	Hyundai Motor Company	HYX	Correction	Superseded	10/4/2018 14:45:55	10/4/2018 14:56:16	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 RWD	

	M	N	O	P
1257	Automatic	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
1258	Automatic	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
1259		DHYXV01.6JCE	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1260		DHYXV01.6JCE	2014	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1261		DHYXV02.4AHN	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1262		JHYXV02.4AJ5	2018	Emission Control Information Label
1263		JHYXV02.4AJ5	2018	Emission Control Information Label
1264		JHYXV02.4AJ5	2018	Emission Control Information Label
1265		JHYXV02.4AJ5	2018	Emission Control Information Label
1266		HHNX01.54R3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1267		JHAX01.51R3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1268		JTX03.5P35	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1269		EADX04.23UL	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1270		JHYXV03.31MF	2018	Catalyst System

	A	B	C	D	E	F	G	H	I	J	K	L
1271	Hyundai Motor Company	HYX	Correction	Superseded	10/4/2018 14:45:55	10/4/2018 14:56:16	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 RWD	
1272	Hyundai Motor Company	HYX	Correction	Submitted	10/4/2018 14:56:16		HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	
1273	Hyundai Motor Company	HYX	Correction	Submitted	10/4/2018 14:56:16		HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G80 RWD	
1274	Hyundai Motor Company	HYX	Correction	Submitted	10/4/2018 14:56:16		HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 RWD	
1275	Hyundai Motor Company	HYX	New Submission	Submitted	10/5/2018 16:30:07		HYX-DR-2018-0000130	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	GENESIS	G80 RWD	
1276	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/19/2018 8:31:03		VGA-DR-2018-0000640	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
1277	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:22:34	10/4/2018 14:45:55	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 RWD	

	M	N	O	P
1271		HHYXV03.31MF	2017	Catalyst System
1272		JHYXV03.31MF	2018	Catalyst System
1273		JHYXV03.31V6	2018	Catalyst System
1274		HHYXV03.31MF	2017	Catalyst System
1275		JHYXV03.31V6	2018	Exhaust System (Other than EGR and Catalyst Systems)
1276		FVGAIV03.6VUG	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1277		HHYXV03.31MF	2017	Catalyst System

	Q	R	S	T	U
1271	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3.T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			2481	0
1272	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3.T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			1082	0
1273	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3.T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			3920	0
1274	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3.T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			2481	0
1275	Duplicate 18-HK-EDIR-168 record, not used			3920	0
1276	<p>-Complaint: Not Applicable -Component: Transmission Control Software Calibration -Production Part Numbers: N/A -Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. -DTCs Present: Not Applicable -Analysis reflects part numbers (Software calibrations): 02E300062K_4002 09G927750PE_2630 0C6300045J_6403</p> <p>-Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>Of the affected 777 Model Year 2015-2017 vehicles, 772 vehicles were represented by 1 of 3 Test Groups Reported; the remaining 2 Test Groups contain the 5 remaining vehicles.</p>			474	474
1277	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3.T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			2481	0

	A	B	C	D	E	F	G	H	I	J	K	L
1273	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:22:34	10/4/2018 14:45:55	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	3.3L Twin Turbo Genesis G90
1279	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:22:34	10/4/2018 14:45:55	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G80 RWD	
1280	Porsche AG	PRX	Correction	Submitted	10/3/2018 12:56:43		PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera	3.0L
1281	Porsche AG	PRX	Correction	Submitted	10/3/2018 12:56:43		PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera 4S	2.9L
1282	Porsche AG	PRX	Correction	Submitted	10/3/2018 12:56:43		PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera 4S Executive	2.9L
1283	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 12:58:52	10/3/2018 13:03:30	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
1284	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:22:08	10/4/2018 10:09:15	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
1285	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:53:57	5/22/2019 15:51:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger	

	M	N	O	P
1278		HHYXV03.31MF	2017	Catalyst System
1279		JHYXV03.31V6	2018	Catalyst System
1280	Automatic	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
1281	Automatic.	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
1282	Automatic.	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
1283		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1284		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1285		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
1275	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3.T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			2481	0
1279	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3.T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			3920	0
1280	<p>After the 7sport response?? drive program is terminated, the exhaust flaps stay open for the whole driving cycle and the Cylinder Deactivation function is Disabled. The exhaust flaps stay opened and the cylinder deactivation is also disabled in the next driving cycle</p> <p>If the driver changes the drive program or selects the Sport Exhaust; the position of the exhaust flaps close and cylinder deactivation is enabled again.</p> <p>The topic is relevant for the Panamera, Panamera S and Panamera Turbo. There is only an influence of the fuel consumption at the Panamera Turbo.</p>	9/24/2016	6/13/2017	3438	0
1281	<p>After the 7sport response?? drive program is terminated, the exhaust flaps stay open for the whole driving cycle and the Cylinder Deactivation function is Disabled. The exhaust flaps stay opened and the cylinder deactivation is also disabled in the next driving cycle</p> <p>If the driver changes the drive program or selects the Sport Exhaust; the position of the exhaust flaps close and cylinder deactivation is enabled again.</p> <p>The topic is relevant for the Panamera, Panamera S and Panamera Turbo. There is only an influence of the fuel consumption at the Panamera Turbo.</p>	9/24/2016	6/13/2017	3438	0
1282	<p>After the 7sport response?? drive program is terminated, the exhaust flaps stay open for the whole driving cycle and the Cylinder Deactivation function is Disabled. The exhaust flaps stay opened and the cylinder deactivation is also disabled in the next driving cycle</p> <p>If the driver changes the drive program or selects the Sport Exhaust; the position of the exhaust flaps close and cylinder deactivation is enabled again.</p> <p>The topic is relevant for the Panamera, Panamera S and Panamera Turbo. There is only an influence of the fuel consumption at the Panamera Turbo.</p>	9/24/2016	6/13/2017	3438	0
1283	<p>Some 2018 model year KIA Stingers equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P053F (Fuel Pressure Control System). According to the investigation, the main cause is low operating electric current at high pressure pump fuel control valve.</p> <p>Kia has improved the electric current for the driving in ECU to fix this...</p>			5298	76
1284	<p>Some 2018 model year KIA Stingers equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P053F (Fuel Pressure Control System). According to Kia's investigation, the cause for this MIL is low operating electric current at the high pressure pump fuel control valve. Kia has changed software to improve the electric cu</p>			5298	76
1285	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p> <p>Kia will replace the misprinted filler caps with the right ones.</p>			307	307

	A	B	C	D	E	F	G	H	I	J	K	L
1286	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:53:57	5/22/2019 15:51:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger RWD	
1287	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/8/2018 12:25:22		NSX-DR-2018-0000617	Defect Report	DR - Emission Control Information Label	NISSAN	MURANO FWD	
1288	Mercedes Benz	MBX	New Submission	Submitted	10/11/2018 14:55:39		MBX-DR-2018-0000626	Defect Report	DR - Ignition System			
1289	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Gran Coupe	
1290	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Gran Coupe	
1291	Ford Motor Company	FMX	New Submission	Superseded	10/16/2018 16:39:10	3/20/2019 8:57:34	FMX-DR-2018-0000601	Defect Report	DR - Hybrid Vehicle System			
1292	Kia Motors Corporation	KMX	Correction	Submitted	10/17/2018 11:24:26		KMX-DR-2018-0000517	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Stinger	
1293	Kia Motors Corporation	KMX	Correction	Submitted	10/17/2018 11:24:26		KMX-DR-2018-0000517	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Stinger RWD	
1294	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	
1295	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
1296	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	TIGUAN	
1297	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/26/2018 14:48:50		NSX-DR-2018-0000602	Defect Report	DR - On-Board Diagnostic (OBD) System	INFINITI	QX80 2WD	
1298	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/26/2018 14:48:50		NSX-DR-2018-0000602	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ARMADA 4WD	

	M	N	O	P
1286		JKM XV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1287		JNS XV03.3P7C	2018	Emission Control Information Label
1288		GMB XV04.0UZA	2016	Ignition System
1289		FBM XV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1290		FBM XV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1291		DFM XV02.0VZP	2013	Hybrid Vehicle System
1292		JKM XV02.04X6	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1293		JKM XV02.04X6	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1294		FCR XT03.0SPV	2015	Exhaust Gas Recirculation (EGR) System
1295		ECR XT03.0SPV	2014	Exhaust Gas Recirculation (EGR) System
1296		DVW XJ02.03UA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1297		JNS XT05.6N9C	2018	On-Board Diagnostic (OBD) System
1298		JNS XT05.6N9C	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. 1286 Kia will replace the misprinted filler caps with the right ones. 1287 On some MY2018 Nissan Murano vehicles, a material handling error resulted in MY2017 VECI labels being installed in error.			307 42	307 42
	DAG has determined that an engine misfiring and irregular engine running condition can be caused by either a heavily loaded vehicle operation with a cold engine or by a pre-ignition condition with strong pressure peaks. 1288 This condition is caused by a coking of the spark plug or a breakage of the spark plug insulator, either of which can lead to short-term misfire. In such case, the OBD system detects the misfire, illuminates the MIL and switches off the injection of the affected cylinder.	5/31/2015	5/30/2016	3698	143
	The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockage of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives. Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services. 1289	2/28/2014	5/31/2015	11445	1259
	The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockage of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives. Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services. 1290	2/28/2014	5/31/2015	11445 16996 5298	1259 743 76 76
	Some 2013 model year 2.0L Fusion and C-Max plug-in hybrid vehicles were built with transmission assemblies that may require replacement due to differential and transfer shaft bearing retention and lubrication issues. 1291 1292 Some 2018 model year KIA Stingers equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble codes P0053F (Cold Start Fuel Pressure performance) and P0087 (Fuel Rail System Pressure too low) According to Kia's investigation, the cause for these MIL(s) is low operating electric current at the high pressure pump fuel control solenoid. 1293 Some 2018 model year KIA Stingers equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble codes P0053F (Cold Start Fuel Pressure performance) and P0087 (Fuel Rail System Pressure too low) According to Kia's investigation, the cause for these MIL(s) is low operating electric current at the high pressure pump fuel control solenoid.				
	Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results: ? 2091 (73 %) had an internal leak in the EGR cooler. ? 437 (16%) had a plugged or restricted EGR cooler due to soot. ? 108 (3.7%) had an EGR bypass that was stuck or broken. ? 106 (3.70%) had an issue with an adjoining component ? 51 (1.78%) had an external EGR cooler leak 1294 ? 50 (1.75%) had an unknown failure not related to the EGR cooler			40405	810
	Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results: ? 2091 (73 %) had an internal leak in the EGR cooler. ? 437 (16%) had a plugged or restricted EGR cooler due to soot. ? 108 (3.7%) had an EGR bypass that was stuck or broken. ? 106 (3.70%) had an issue with an adjoining component ? 51 (1.78%) had an external EGR cooler leak 1295 ? 50 (1.75%) had an unknown failure not related to the EGR cooler			28721	542
	Complaint: MIL on Component: Fuel Injector Production Part Number: 06H 906 036 G Replacement Part Number: 06H 906 036 P DTCs Present: P0300-P0304 (Random/Multiple Cylinder Misfire Detected) P130A (Hide Cylinder) Part Analysis reflects part number: 06H 906 036 G 38x ? Torn filter-mesh 22x ? Internal Leak 7x ? Excessive carbon build-up 5x ? Clogged spray ports 1296 35x ? NTF			50147	999
	1297 On some MY2018 Nissan Armada vehicles, customers are experiencing a malfunction indicator light illumination (DTC P0138 / P0158) when a problem does not exist. Nissan has investigated and found that, under certain conditions (higher than anticipated engine RPM during sensor warm-up sequence, shortly after cold engine start), the engine control module (ECM) may incorrectly detect a misfire condition and illuminate the MIL. 1298 On some MY2018 Nissan Armada vehicles, customers are experiencing a malfunction indicator light illumination (DTC P0138 / P0158) when a problem does not exist. Nissan has investigated and found that, under certain conditions (higher than anticipated engine RPM during sensor warm-up sequence, shortly after cold engine start), the engine control module (ECM) may incorrectly detect a misfire condition and illuminate the MIL.	3/24/2017 3/24/2017	10/16/2018 10/16/2018	34569 34569	26 26

	A	B	C	D	E	F	G	H	I	J	K	L
1299	BMW	BMX	New Submission	Superseded	10/29/2018 10:10:47	10/30/2018 8:12:39	BMX-DR-2018-0000669	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
1300	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	RDX FWD	
1301	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	RLX	3.5L
1302	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	2.0L
1303	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	3.0L
1304	FCA US LLC	CRX	New Submission	Superseded	11/8/2018 13:40:32	7/8/2019 9:37:24	CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1305	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	CC	
1306	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
1307	BMW	BMX	New Submission	Superseded	10/30/2018 6:21:31	10/30/2018 8:05:05	BMX-DR-2018-0000673	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	BMW	540i	
1308	BMW	BMX	Correction	Superseded	10/30/2018 8:05:05	10/30/2018 12:06:46	BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i xDrive (SWB)	

	M	N	O	P
1299		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1300		KHNXT02.0823	2019	On-Board Diagnostic (OBD) System
1301 7DCT		JHNXV03.5BK3	2018	On-Board Diagnostic (OBD) System
1302 CVT		HHNXV02.0J62	2017	On-Board Diagnostic (OBD) System
1303 7DCT		HHNXV03.0HH3	2017	On-Board Diagnostic (OBD) System
1304		GCRXV03.65PB	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1305		EWXV02.03UA	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1306		EVWV03.6U41	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1307		HBMXV03.0BSX	2017	Air Inlet System (Including Turbo and Superchargers)
1308		HBMXV04.4N63	2017	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>The affected part number 13538594893 relates to the Fuel Line to High Pressure Pump. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please note that the corresponding FRB (equivalent to FRB F-06.2.0-9) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW's services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component Fuel Line to High Pressure Pump is/was working properly and has/had no malfunction.</p>				
1299		6/30/2014	5/31/2015	3701	282
1300	The OBD system may falsely detect a malfunction of the "Shift by wire Control (incorrect parking lock indication)" when driver push "parking" button in a certain condition.	5/1/2018		27242	1
1301	The OBD system may falsely detect a malfunction of the "Shift by wire Control (incorrect parking lock indication)" when driver push "parking" button in a certain condition.	8/29/2017	4/19/2018	692	0
1302	The OBD system may falsely detect a malfunction of the "Shift by wire Control (incorrect parking lock indication)" when driver push "parking" button in a certain condition.	5/10/2016	9/1/2017	31969	0
1303	The OBD system may falsely detect a malfunction of the "Shift by wire Control (incorrect parking lock indication)" when driver push "parking" button in a certain condition.	3/1/2017	9/19/2017	2114	0
	<p>Some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module.</p> <p>A FCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p>				
1304	Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.			1944	207
	<p>-Complaint: Not Applicable</p> <p>-Component: Transmission Control Software Calibration</p> <p>-Production Part Numbers: N/A</p> <p>-Replacement Part Number: See table</p> <p>Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section.</p> <p>-DTCs Present: Not Applicable</p> <p>-Analysis reflects part numbers (Software calibrations):</p> <p>02E300012M_2099</p> <p>02E300057Q_3119</p> <p>02E300058N_3501</p> <p>02E300058N_3504</p> <p>02E300058N_3512</p> <p>02E300058N_3520</p> <p>02E300062K_4002</p> <p>0CG300045F_5303</p> <p>0CG300045F_5308</p> <p>0CG300045G_5801</p> <p>02E300057R_3114</p> <p>-Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>Of the affected 301 Model Year 2013 7 2014 vehicles, 286 vehicles are represented by 3 of the 7 Test Groups reported; the remaining 4 Test Groups have 9 or less vehicles.</p>			1	1
1305					
	<p>-Complaint: Not Applicable</p> <p>-Component: Transmission Control Software Calibration</p> <p>-Production Part Numbers: N/A</p> <p>-Replacement Part Number: See table</p> <p>Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section.</p> <p>-DTCs Present: Not Applicable</p> <p>-Analysis reflects part numbers (Software calibrations):</p> <p>02E300012M_2099</p> <p>02E300057Q_3119</p> <p>02E300058N_3501</p> <p>02E300058N_3504</p> <p>02E300058N_3512</p> <p>02E300058N_3520</p> <p>02E300062K_4002</p> <p>0CG300045F_5303</p> <p>0CG300045F_5308</p> <p>0CG300045G_5801</p> <p>02E300057R_3114</p> <p>-Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>Of the affected 301 Model Year 2013 7 2014 vehicles, 286 vehicles are represented by 3 of the 7 Test Groups reported; the remaining 4 Test Groups have 9 or less vehicles.</p>			119	119
1306					
	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures):</p> <p>Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures):</p> <p>The kinematics / component "Spacer" (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	10/31/2016	5/31/2017	10282	15
1307					
	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures):</p> <p>Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures):</p> <p>The kinematics / component "Spacer" (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	6/30/2016	5/31/2017	5037	1914
1308					

	A	B	C	D	E	F	G	H	I	J	K	L
1309	BMW	BMX	Correction	Submitted	10/30/2018 8:12:39		BMX-DR-2018-0000669	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
1310	Audi	ADX	New Submission	Submitted	10/24/2018 13:06:30		ADX-DR-2018-0000659	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S8	
1311	Audi	ADX	New Submission	Submitted	10/24/2018 13:06:30		ADX-DR-2018-0000659	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S6	
1312	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/23/2018 14:30:37		JLX-DR-2018-0000642	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
1313	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A8	
1314	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S8	
1315	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000661	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS	
1316	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000661	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS	
1317	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
1318	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A7 quattro	
1319	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
1320	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
1321	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A6 quattro	
1322	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:33:11		GMX-DR-2018-0000706	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1323	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:33:11		GMX-DR-2018-0000706	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1324	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:37:36		GMX-DR-2018-0000708	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
1325	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S HARDTOP 2 DOOR	

	M	N	O	P
1309		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1310		DAD XV04.03UJ	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
1311		DAD XV04.03UJ	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
1312		FJLXV05.0EAL	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1313		FVGAV04.0NUA	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1314		GVGAV04.0NUA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1315		BTYXV01.8HC3	2011	Hybrid Vehicle System
1316		ETYXV01.9HC3	2014	Hybrid Vehicle System
1317		GVGAJ03.0NU4	2016	Electrical Wiring, Sensor, and Actuator Systems
1318		FVGAJ03.0NU4	2015	Electrical Wiring, Sensor, and Actuator Systems
1319		FVGAJ03.0NU4	2015	Electrical Wiring, Sensor, and Actuator Systems
1320		FVGAJ03.0NU4	2015	Electrical Wiring, Sensor, and Actuator Systems
1321		FVGAJ03.0NU4	2015	Electrical Wiring, Sensor, and Actuator Systems
1322		EGMXJ02.5150	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1323		EGMXV03.6048	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1324		HGMXV03.6166	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
1325		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	The affected part number 13538594893 relates to the Fuel Line to High Pressure Pump. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMKV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mi). Please see corresponding EDIR-QF-NS7/N47-Q267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component Fuel Line to High Pressure Pump is/was working properly and has/had no malfunction.				
1309		6/30/2014	5/31/2015	3701	282
	-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system. Model Year/Model Production Software/Replacement Software 2013 56, 574 G0906014B V00074G0906014B V0009 2013S84H0907557E V00034H0907557E V0004 2014S84H0907557E V00034H0907557E V0004 2014S6, 574 G0906014E V00044G0906014E V0006 2014RS74G0906560B V00064G0906560B V0008			3930	3930
1310					
	-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system. Model Year/Model Production Software/Replacement Software 2013 56, 574 G0906014B V00074G0906014B V0009 2013S84H0907557E V00034H0907557E V0004 2014S84H0907557E V00034H0907557E V0004 2014S6, 574 G0906014E V00044G0906014E V0006 2014RS74G0906560B V00064G0906560B V0008			3930	3930
1311				709	60
1312	The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Codes (DTC) flagging a problem with the evaporative emissions system and causing the replacement of the Diagnostic Module Tank Leakage (DMTL) pump. The 45% of the replaced DMTL pumps that were investigated, were determined to be no fault found. Root cause in these cases was determined				
	-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system. Model Year/Model Production Software/Replacement Software 2015A8L4H0906014J V00054H0906014J V0006 2015S84H0907557D V00054H0907557D V0006 2016RS7/R57 Part 4 G0906560G V00014G0906560G V0002 2015S84H0907557F V00024H0906557F V0003 2016S84H0907557H V00014H0907557H V0002 2016A8L4H0906014N V00014H0906014N V0002 2016S6, 574 G0906014D V00024G0906014D V0002			3076	3076
1313					
	-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system. Model Year/Model Production Software/Replacement Software 2015A8L4H0906014J V00054H0906014J V0006 2015S84H0907557D V00054H0907557D V0006 2016RS7/R57 Part 4 G0906560G V00014G0906560G V0002 2015S84H0907557F V00024H0906557F V0003 2016S84H0907557H V00014H0907557H V0002 2016A8L4H0906014N V00014H0906014N V0002 2016S6, 574 G0906014D V00024G0906014D V0002			6726	6726
1314				137121	137121
1315	The subject vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high voltage to be generated that could exceed a certain limit			38409	38409
1316	The subject vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high voltage to be generated that could exceed a certain limit			3962	312
1317	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			8118	555
1318	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			8118	555
1319	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			8118	555
1320	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			8118	555
1321	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			391	10
1322	In certain vehicles, a capacitor was misinstalled on the circuit board of the Electronic Transmission Range Selector (ETRS) shifter. This can cause the capacitor to degrade to the point where it may fail and result in the transmission changing from automatic to manual shift mode without any driver input.			194	3
1323	In certain vehicles, a capacitor was misinstalled on the circuit board of the Electronic Transmission Range Selector (ETRS) shifter. This can cause the capacitor to degrade to the point where it may fail and result in the transmission changing from automatic to manual shift mode without any driver input.			47174	1472
1324	In certain vehicles, insulation foam surrounding the air conditioning evaporator may prevent condensate from properly draining from the evaporator. Condensate that is held in contact with the evaporator may freeze and damage the evaporator resulting in a refrigerant leak.				
	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, [permanent] DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	13108	13108
1325					

	A	B	C	D	E	F	G	H	I	J	K	L
1326	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CLUBMAN ALL4	
1327	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	18 Coupe	
1328	BMW	BMX	New Submission	Superseded	11/21/2018 3:56:55	11/21/2018 7:13:49	BMX-DR-2018-0000732	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	
1329	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	535d xDrive	
1330	BMW	BMX	Correction	Submitted	11/21/2018 7:13:49		BMX-DR-2018-0000732	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	BMW	740e xDrive	
1331	BMW	BMX	Correction	Submitted	11/21/2018 7:13:49		BMX-DR-2018-0000732	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	BMW	530e	
1332	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	

	M	N	O	P
1326		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
1327		KBMXV01.5I8P	2019	On-Board Diagnostic (OBD) System
1328		HBMXV02.0H48	2017	On-Board Diagnostic (OBD) System
1329		FBMXV03.0N57	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1330		HBMXV02.0H48	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1331		KBMXV02.0H30	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
1332		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
1326	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.</p>	2/28/2018	6/29/2019	13108	13108
1327	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.</p>	2/28/2018	10/30/2019	5	5
1328	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description: In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	6/30/2016	6/29/2017	3997	3997
1329	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine</p> <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	2/28/2014	6/29/2015	1505	1505
1330	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description: In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	6/30/2016	6/29/2017	3997	3997
1331	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description: In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	6/30/2018	6/29/2019	1953	1953
1332	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine</p> <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	2/28/2014	6/29/2015	1505	1505

	A	B	C	D	E	F	G	H	I	J	K	L
1333	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	
1334	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
1335	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	
1336	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 5WB xDrive	
1337	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i	
1338	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Gran Coupe	
1339	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:43:40		MBX-DR-2018-0000718	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
1340	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:18:21		MBX-DR-2018-0000716	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
1341	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
1342	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
1343	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	BRZ	
1344	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	XV CROSSTREK AWD	
1345	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA WAGON/OUTBACK SPORT AWD	
1346	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
1347	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
1348	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			

	M	N	O	P
1333		HBMXT02.0N47	2017	Exhaust Gas Recirculation (EGR) System
1334		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
1335		GBMXT02.0N47	2016	Exhaust Gas Recirculation (EGR) System
1336		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1337		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1338		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1339		FMBXV04.0U2A	2015	Exhaust System (Other than EGR and Catalyst Systems)
1340		GMBXV04.0U2A	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1341		JMBXJ03.0U2A	2018	On-Board Diagnostic (OBD) System
1342		JMBXU04.0U2A	2018	On-Board Diagnostic (OBD) System
1343		DFJXJ02.5NKR	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1344		DFJXJ02.5NKR	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1345		CFJXJ02.5NVD	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1346		HMBXV02.0HY1	2017	Catalyst System
1347		DMBXJ03.5U2A	2013	Catalyst System
1348		BMBXV05.5U2A	2011	Catalyst System

	A	B	C	D	E	F	G	H	I	J	K	L
1349	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
1350	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
1351	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
1352	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1353	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1354	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
1349		DMBXV03.5BN4	2013	Catalyst System
1350		CMBXV03.5S2A	2012	Catalyst System
1351		CMBXV03.5U2A	2012	Catalyst System
1352		FMBXT03.0U2B	2015	On-Board Diagnostic (OBD) System
1353		JMBXV04.0U2A	2018	On-Board Diagnostic (OBD) System
1354		GMBXT03.0U2B	2016	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
1349	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			8606	0
1350	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			8769	0
1351	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			31832	0
1352	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			3803	0
1353	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			4722	0
1354	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			23027	0

	A	B	C	D	E	F	G	H	I	J	K	L
1355	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1356	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1357	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1358	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1359	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1360	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
1355		HMBXJ02.0U2A	2017	On-Board Diagnostic (OBD) System
1356		JMBXV02.0U2C	2018	On-Board Diagnostic (OBD) System
1357		FMBXT03.5U2B	2015	On-Board Diagnostic (OBD) System
1358		DMBXJ03.552A	2013	On-Board Diagnostic (OBD) System
1359		JMBXJ02.0HY1	2018	On-Board Diagnostic (OBD) System
1360		HMBXV03.0HY1	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
1355	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			7682	0
1356	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			1378	0
1357	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			6532	0
1358	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			62066	0
1359	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			500	0
1360	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			489	0

	A	B	C	D	E	F	G	H	I	J	K	L
1361	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1362	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1363	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
1364	General Motors LLC	GMX	New Submission	Submitted	11/14/2018 12:22:30		GMX-DR-2018-0000705	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1365	BMW	BMX	New Submission	Submitted	12/5/2018 7:54:47		BMX-DR-2018-0000750	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
1366	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328Ci Convertible	
1367	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328Ci	

	M	N	O	P
1361		GMBXT03.0HY1	2016	On-Board Diagnostic (OBD) System
1362		HMBXV04.0U2A	2017	On-Board Diagnostic (OBD) System
1363		HMBXV02.0U2A	2017	On-Board Diagnostic (OBD) System
1364		DGMXT05.3373	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1365		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1366		ABMXV03.051R	2010	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1367		ABMXV03.051R	2010	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			190	0
1361					
	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			3867	0
1362					
	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			2273	0
1363					
1364	Avapor lock condition in the fuel delivery system can occur after extended periods of engine idle when the ambient temperature is greater than 100 degF. Under these conditions the fuel flow rate from the in-tank mounted fuel pump may be sufficiently low that the liquid fuel can vaporize in the fuel delivery system and fuel pump resulting in pump cavitation or stalling.			8951	18
	<p>The affected part number 13537805423 relates to the FUEL RAIL (PRESSURE ACCUMULATOR). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMT03.0N37, a final decision based on the final analysis results is expected in Q1/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mi; equivalent to EDIP OE N57-Q177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL (PRESSURE ACCUMULATOR) is/was working properly and has/had no malfunction.</p>	7/31/2016	7/31/2017	2614	544
1365					
	<p>The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).</p>	8/31/2009	1/31/2010	19097	1184
1366					
	<p>The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).</p>	8/31/2009	1/31/2010	19097	1184
1367					

	A	B	C	D	E	F	G	H	I	J	K	L
1368	BMW	BMX	New Submission	Superseded	11/29/2018 11:19:49	11/29/2018 11:25:13	BMX-DR-2018-0000740	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
1369	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
1370	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
1371	BMW	BMX	New Submission	Superseded	12/5/2018 9:33:52	12/10/2018 6:31:10	BMX-DR-2018-0000756	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
1372	Volvo Car USA, LLC	VVX	New Submission	Submitted	12/6/2018 13:32:08		VVX-DR-2018-0000762	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1373	Volvo Car USA, LLC	VVX	New Submission	Submitted	12/6/2018 13:32:08		VVX-DR-2018-0000762	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1374	Mercedes Benz	MBX	New Submission	Submitted	12/7/2018 3:48:29		MBX-DR-2018-0000764	Defect Report	DR - On-Board Diagnostic (OBD) System			
1375	Mercedes Benz	MBX	New Submission	Submitted	12/7/2018 3:48:29		MBX-DR-2018-0000764	Defect Report	DR - On-Board Diagnostic (OBD) System			
1376	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS HARDTOP	
1377	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER HARDTOP 2 DOOR	
1378	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX 2WD	
1379	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX	
1380	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD	
1381	General Motors LLC	GMX	New Submission	Submitted	12/19/2018 13:40:40		GMX-DR-2018-0000770	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
1382	General Motors LLC	GMX	New Submission	Submitted	12/19/2018 13:40:40		GMX-DR-2018-0000770	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			

	M	N	O	P
1368		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1369		BADXV05.2LR8	2011	On-Board Diagnostic (OBD) System
1370		EADXV05.2LR8	2014	On-Board Diagnostic (OBD) System
1371		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1372		KVXKT02.0U7B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1373		KVXVW02.0U7B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1374		CMBXT05.5U2A	2012	On-Board Diagnostic (OBD) System
1375		EMBXT05.5U2A	2014	On-Board Diagnostic (OBD) System
1376		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
1377		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
1378 9AT		GHNXV03.5VA3	2016	On-Board Diagnostic (OBD) System
1379 9AT		FHNXV03.5WA4	2015	On-Board Diagnostic (OBD) System
1380 9AT		HHNXV03.5MA3	2017	On-Board Diagnostic (OBD) System
1381		JGMXT04.3187	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
1382		JGMXT05.3893	2018	Heating, Ventilation, and Air Conditioning (HVAC) System

	Q	R	S	T	U
	The affected part number 13537823400 relates to the FRONT FUEL RETURN LINE [RETURN PIPE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMXT03.0N57, a final decision based on the final analysis results is expected in 01/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mils; equivalent to FIR F-0E-3.0-11) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FRONT FUEL RETURN LINE [RETURN PIPE] is/was working properly and has/had no malfunction.	7/31/2016	7/31/2017	2614	544
1309	Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.			264	264
1370	Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.			158	158
1371	The affected part number 16117260648 relates to the FUEL PUMP [DELIVERY MODULE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please note that the corresponding FIR (equivalent to FIR F-0E-3.0-11) will be submitted after the reporting threshold >4% and >50 cases is exceeded).	6/30/2015	9/30/2016	1209	359
1372	The lower lid within the fuel filler neck of the cap less unit does not close properly.			41	41
1373	The lower lid within the fuel filler neck of the cap less unit does not close properly.			41	41
1374	Daimler AG has determined that certain GLE-Class vehicles (166 platform) with 8-cylinder gasoline engine (M278) might experience a software error. For a plausible test result of the monitor of the downstream oxygen sensor, the monitor is intended to be aborted as soon as driving conditions (load) are no longer constant. However, the exit conditions of the monitor on these vehicles might not be reached.			690	8
1375	Daimler AG has determined that certain GLE-Class vehicles (166 platform) with 8-cylinder gasoline engine (M278) might experience a software error. For a plausible test result of the monitor of the downstream oxygen sensor, the monitor is intended to be aborted as soon as driving conditions (load) are no longer constant. However, the exit conditions of the monitor on these vehicles might not be reached.			21712	669
1376	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	850	850
1377	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	2/27/2019	6144	6144
1378	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	2/2/2015	11/7/2016	134326	314
1379	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	7/14/2014	9/17/2015	37330	22
1380	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	7/15/2016	3/27/2017	11447	30
1381	In certain vehicles a refrigerant leak may occur at the receiver/dryator plug on the air conditioning system condenser. Certain vehicles have been identified with an o-ring seal on this plug that is not within dimensional specifications and may not properly seal at low ambient temperatures.			42244	11
1382	In certain vehicles a refrigerant leak may occur at the receiver/dryator plug on the air conditioning system condenser. Certain vehicles have been identified with an o-ring seal on this plug that is not within dimensional specifications and may not properly seal at low ambient temperatures.			4697	16

	A	B	C	D	E	F	G	H	I	J	K	L
1383	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BETLE CONVERTIBLE	
1384	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BETLE	
1385	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Passat	
1386	Audi	ADX	New Submission	Submitted	12/21/2018 10:02:15		ADX-DR-2018-0000801	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	GTI	
1387	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Tiguan	
1388	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Passat	

	M	N	O	P
1383		EVWXV02.5A59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1384		EVWXV02.5A59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1385		EVWXV02.5M59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1386		DADXV02.03PA	2013	Air Inlet System (including Turbo and Superchargers)
1387		FVGAJ02.0VUE	2015	Drivetrain/Transmission System
1388		HVGAV03.6VUG	2017	Drivetrain/Transmission System

	Q	R	S	T	U
1383	<p>ComplaintMIL on</p> <p>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</p> <p>P0441 - EVAP Incorrect Purge Flow</p> <p>P0457 - EVAP Leak Detected ? fuel cap loose/off</p> <p>ComponentEVAP Purge Valve</p> <p>Part Number - Production06E906517A</p> <p>Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A</p> <p>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</p> <p>Parts analysis results:</p> <p>56x Leakage (32.2%)</p> <p>55x Very small leakage (30.7%)</p> <p>11x Incorrect purge flow (6.1%)</p> <p>6x Torn Seal (3.4%)</p> <p>1x Contaminated by fuel (0.6%)</p> <p>27x No trouble found</p>			24825	359
1384	<p>ComplaintMIL on</p> <p>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</p> <p>P0441 - EVAP Incorrect Purge Flow</p> <p>P0457 - EVAP Leak Detected ? fuel cap loose/off</p> <p>ComponentEVAP Purge Valve</p> <p>Part Number - Production06E906517A</p> <p>Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A</p> <p>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</p> <p>Parts analysis results:</p> <p>56x Leakage (32.2%)</p> <p>55x Very small leakage (30.7%)</p> <p>11x Incorrect purge flow (6.1%)</p> <p>6x Torn Seal (3.4%)</p> <p>1x Contaminated by fuel (0.6%)</p> <p>27x No trouble found</p>			24825	359
1385	<p>ComplaintMIL on</p> <p>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</p> <p>P0441 - EVAP Incorrect Purge Flow</p> <p>P0457 - EVAP Leak Detected ? fuel cap loose/off</p> <p>ComponentEVAP Purge Valve</p> <p>Part Number - Production06E906517A</p> <p>Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A</p> <p>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</p> <p>Parts analysis results:</p> <p>56x Leakage (32.2%)</p> <p>55x Very small leakage (30.7%)</p> <p>11x Incorrect purge flow (6.1%)</p> <p>6x Torn Seal (3.4%)</p> <p>1x Contaminated by fuel (0.6%)</p> <p>27x No trouble found</p>			931	24
1386	<p>ComplaintMIL on</p> <p>Rattle noise from engine</p> <p>DTCs PresentP0299 - Turbocharger Underboost</p> <p>P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance</p> <p>P0234 - Turbocharger Overboost</p> <p>ComponentTurbocharger</p> <p>Part Number ? Production0AD0XV02.03PA-06J 145 713 F</p> <p>DVWXV02.03PA-06J 145 713 F</p> <p>EAD0XV02.03PA-06J 145 713 F</p> <p>EVWXV02.03SA-06J 145 713 F / 06J 145 713 AF</p> <p>Part Number ? Replacement06J 145 713 FX</p> <p>Part Number ? Analysis 06J 145 713 F</p> <p>AnalysisRusted control-rod (28.6%)</p> <p>Sticking control-rod (23.8%)</p> <p>Wastegate has too much play (9.5%)</p> <p>Control-rod loose by pin (4.6%)</p> <p>1386: No Trouble Found (33.3%)</p>			12379	276
1387	<p>ComplaintNot Applicable</p> <p>DTCs PresentNot Applicable</p> <p>ComponentTransmission Control Software Calibration</p> <p>Part Number - ProductionNA</p> <p>Part Number - Replacement02E300062K V4002</p> <p>09G9J2750PE V2630</p> <p>0C6300045J V6403</p> <p>09D300012 V4521</p> <p>0D9300012 V4939</p> <p>Part Number - Analysis 03H9060023BM V6179</p> <p>03H9060023BM V6875</p> <p>03H906023CJ V2136</p> <p>03H906023DC V3177</p> <p>04E906023AE V1702</p> <p>06J906027HD V7871</p> <p>0D9300012L V4932</p> <p>0D9300012 V4905</p> <p>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>			1	1
1388	<p>ComplaintNot Applicable</p> <p>DTCs PresentNot Applicable</p> <p>ComponentTransmission Control Software Calibration</p> <p>Part Number - ProductionNA</p> <p>Part Number - Replacement02E300062K V4002</p> <p>09G9J2750PE V2630</p> <p>0C6300045J V6403</p> <p>09D300012 V4521</p> <p>0D9300012 V4939</p> <p>Part Number - Analysis 03H9060023BM V6179</p> <p>03H9060023BM V6875</p> <p>03H906023CJ V2136</p> <p>03H906023DC V3177</p> <p>04E906023AE V1702</p> <p>06J906027HD V7871</p> <p>0D9300012L V4932</p> <p>0D9300012 V4905</p> <p>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>			72	72

	A	B	C	D	E	F	G	H	I	J	K	L
1389	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta	
1390	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BEETLE	
1391	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BEETLE	
1392	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
1393	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	
1394	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Eos	
1395	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:57:51		GMX-DR-2018-0000773	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
1389		GVGAM02.0VPD	2016	Drivetrain/Transmission System
1390		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
1391		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
1392		DVWXV02.0U36	2013	On-Board Diagnostic (OBD) System
1393		DVWXJ02.03UA	2013	On-Board Diagnostic (OBD) System
1394		DVWXJ02.03UA	2013	On-Board Diagnostic (OBD) System
1395		DeMKJ02.4151	2013	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Transmission Control Software Calibration Part Number - Production:NA Part Number - Replacement:02E300062K V4002 09G92750PE V2630 06C300045J V6403 09D300012 V4521 0D9300012 V4939 Part Number - Analysis 03H9060023BM V6179 03H9060023BM V6875 03H906023CJ V2136 03H906023DC V3177 04E906023AE V1702 06J906027HD V7871 0D9300012L V4932 0D9300012 V4905 Analysis:During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>				
1389				14	14
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test Group:VehicleMYCommentTarget Software DVWXU02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test Group:VehicleMYCommentTarget Software DVWXU02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			235	235
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test Group:VehicleMYCommentTarget Software DVWXU02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			1	1
1392				1	1
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test Group:VehicleMYCommentTarget Software DVWXU02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185
1393				185	185
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test Group:VehicleMYCommentTarget Software DVWXU02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185
1394				185	185
1395	In certain vehicle the camshaft position actuator oil control solenoid valve (OCV) may fail due to excessive internal wear between components or a broken internal electrical wire.			48089	1163

	A	B	C	D	E	F	G	H	I	J	K	L
1396	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Tiguan	
1397	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	3.5L
1398	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX FWD	
1399	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD A-SPEC	
1400	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD	
1401	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX 4WD	
1402	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	
1403	BMW	BMX	New Submission	Submitted	2/15/2019 7:15:20		BMX-DR-2019-0000124	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
1404	BMW	BMX	New Submission	Submitted	2/15/2019 7:20:02		BMX-DR-2019-0000125	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
1405	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1406	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1407	FCA US LLC	CRX	New Submission	Submitted	6/25/2019 8:17:14		CRX-DR-2019-0000462	Defect Report	DR - Drivetrain/Transmission System	Jeep	Cherokee 4X4	
1408	BMW	BMX	New Submission	Submitted	2/15/2019 7:24:16		BMX-DR-2019-0000130	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	

	M	N	O	P
1396		JVGAI02.0A3A	2018	Electrical Wiring, Sensor, and Actuator Systems
1397		HHNXV03.5GK3	2017	On-Board Diagnostic (OBD) System
1398		HHNXV03.5VH3	2017	On-Board Diagnostic (OBD) System
1399		JHNXV03.5LH3	2018	On-Board Diagnostic (OBD) System
1400		JHNXV03.5LH3	2018	On-Board Diagnostic (OBD) System
1401		GHNXV03.5RA3	2016	On-Board Diagnostic (OBD) System
1402		JHNXV01.5TH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1403		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1404		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1405		BMBXT03.0HD1	2011	Electrical Wiring, Sensor, and Actuator Systems
1406		AMBXT03.0HD2	2010	Electrical Wiring, Sensor, and Actuator Systems
1407		ECRXT03.6SP0	2014	Drivetrain/Transmission System
1408		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	G	R	S	T	U
	DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001 - 0006 VW: Tiguan - 5NA.907.115.A -version 0002, 0004 Beetle - 06K.906.016.B -version 4948 Passat -06K.906.016.C - version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30- SW part number 8V0.907.115.B_0007 VW: Tiguan - 5NA.907.115.K -version 0001 Beetle - 06K.906.016.B -version 9610 Passat ? 06K.906.016.C - version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001 ? 0006 VW: Tiguan - 5NA.907.115.A -version 0002, 0004 Beetle - 06K.906.016.B -version 4948 Passat -06K.906.016.C -version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)				
1396					106962106962
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	6/25/2016	9/29/2017	22090	29
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	11/4/2016	12/4/2017	69453	99
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	4/11/2017	3/22/2018	20451	30
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	4/11/2017	3/22/2018	20451	30
1401		9/23/2015	7/12/2016	17594	101
1402	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	8/2/2017		31406	8
	Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMXT03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please see EDIR-01-N57-0325). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP (DELIVERY UNIT W/ IN-TANK PUMP RIGHT) is/was working properly and has/had no malfunction.	8/31/2017	7/30/2018	3366	562
	The affected part number 11618507335 relates to the INTAKE MANIFOLD GASKET (PROFILE-GASKET). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMXT03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please see EDIR-01-N57-0325). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component INTAKE MANIFOLD GASKET (PROFILE-GASKET) is/was working properly and has/had no malfunction.	8/31/2017	7/30/2018	3366	562
1405	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to thermal stress: A crack in the ceramic housing of the sensor may lead to a permanent deterioration of the sensor signal quality. 3) Contamination: Contamination of the sensor with oil or dirt may lead to a permanent deterioration of the sensor signal quality.			909	537
1406	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to thermal stress: A crack in the ceramic housing of the sensor may lead to a permanent deterioration of the sensor signal quality. 3) Contamination: Contamination of the sensor with oil or dirt may lead to a permanent deterioration of the sensor signal quality.			201	72
1407	Some 2014 MY Jeep Cherokee (KL) vehicles equipped with a 3.2L engine (Sales code: EHB) may experience a loss of motive power while driving due to a commanded shift to neutral, most likely at highway speeds. This event most frequently occurs during the 7th-8th gear shift due to a sticking clutch valve that will prevent the dog clutch from releasing. If the vehicle should experience this condition, the vehicle should be towed to a BMW service center for diagnosis and repair.			93211	3381
	The affected part number 13537823400 relates to the FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMXT03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please see EDIR-01-N57-0325). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RETURN LINE is/was working properly and has/had no malfunction.	8/31/2017	7/30/2018	3366	552

	A	B	C	D	E	F	G	H	I	J	K	L
1409	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
1410	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i	
1411	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	
1412	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive	
1413	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Coupe	
1414	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	

	M	N	O	P
1409		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
1410		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
1411		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
1412		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
1413		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
1414		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
1415	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	
1416	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	745Le xDrive	
1417	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X4 M40i	
1418	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	750i xDrive	
1419	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	Navigator 2WD	
1420	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	NAUTILUS AWD	
1421	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System			
1422	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/19/2019 13:40:57		NSX-DR-2019-0000117	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	TITAN 4WD	
1423	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/20/2019 9:27:26		NSX-DR-2019-0000145	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	NISSAN Rogue Sport	
1424	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental Flying Spur	
1425	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GT	

	M	N	O	P
1415		JBMX02.0B4X	2018	On-Board Diagnostic (OBD) System
1416		LBMX03.0H58	2020	On-Board Diagnostic (OBD) System
1417		KBMX03.0B5X	2019	On-Board Diagnostic (OBD) System
1418		LBMX04.4N63	2020	On-Board Diagnostic (OBD) System
1419		KFMXT03.544F	2019	On-Board Diagnostic (OBD) System
1420		KFMXT02.02JU	2019	On-Board Diagnostic (OBD) System
1421		KFMXV02.3UYV	2019	On-Board Diagnostic (OBD) System
1422		HNSXT05.6N9A	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
1423		HNSXV02.0PMA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1424		CBEKV06.0501	2012	Exhaust System (Other than EGR and Catalyst Systems)
1425		CBEKV06.0501	2012	Exhaust System (Other than EGR and Catalyst Systems)

	Q	R	S	T	U
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	6869	6869
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	3	3
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	3/31/2018	5/7/2019	4350	4350
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	21	21
	1410 Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.			1430	1430
	1420 Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.			1416	1416
	1421 Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.			182	182
	1422 On some 2017 Nissan Tiida vehicles, customers are experiencing an unexpected temperature difference in the Automatic HVAC system. When changing the temperature dial from 61 to 62 degrees, customers notice the air is much warmer than expected at 62 degrees. Nissan has investigated and found that the HVAC calibration is not set properly for colder outside temperatures when			51012	137
	1423 On some 2017 Nissan Rogue Sport vehicles, customers may experience an extended engine crank time, a rough idle, a MIL light for a misfire DTC, or possibly an engine stop when the transmission is placed into drive or reverse. These issues could occur after the vehicle has been sitting for more than two hours and the engine is cold	4/1/2017	10/30/2017	69279	81
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			2062	135
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			2062	135

	A	B	C	D	E	F	G	H	I	J	K	L
1426	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GTC	
1427	FCA US LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4x4	
1428	Mazda Motor Corporation	TKX	New Submission	Submitted	7/5/2019 0:36:11		TKX-DR-2019-0000502	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1429	Mazda Motor Corporation	TKX	New Submission	Submitted	7/5/2019 0:36:11		TKX-DR-2019-0000502	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1430	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:59:37		GMX-DR-2019-0000515	Defect Report	DR - Crankcase Ventilation System			
1431	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A3	
1432	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 HFE 4x2	
1433	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4x4	
1434	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4x2	
1435	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4x4	
1436	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
1437	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	

	M	N	O	P
1426		EBEXV06.04UC	2014	Exhaust System (Other than EGR and Catalyst Systems)
1427		KCRXT02.45P4	2019	Electrical Wiring, Sensor, and Actuator Systems
1428		JTKXT02.5CDA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1429		JTKXV02.5CDA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1430		FGMXT02.4151	2015	Crankcase Ventilation System
1431		HVGAV02.0A3A	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1432		ECRXT05.75P0	2014	Exhaust System (Other than EGR and Catalyst Systems)
1433		FCRXT05.75P0	2015	Exhaust System (Other than EGR and Catalyst Systems)
1434		KCRXT05.75P2	2019	Exhaust System (Other than EGR and Catalyst Systems)
1435		KCRXT05.75P2	2019	Exhaust System (Other than EGR and Catalyst Systems)
1436		ECRXV05.75P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1437		DCRXV03.6UPA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U	
	<p>Complaint:</p> <p>Engine overheat light is on and engine speed may be limited. DTCs Present:</p> <p>P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1</p> <p>P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1</p> <p>P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High)</p> <p>P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High)</p> <p>P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low)</p> <p>P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low)</p> <p>Component:</p> <p>Exhaust Gas Temperature Sensor Part Number ? Production:</p> <p>07C919529F / 07C919529G</p> <p>Part Number ? Replacement:</p> <p>07C919529K / 07C919529L</p> <p>Part Number ? Analysis:</p> <p>07C919529F / 07C919529G</p> <p>07C919529H / 07C919529J</p> <p>Analysis:</p> <p>? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501.</p> <p>? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J.</p> <p>? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>				854	41
1427	Some 2017-2019 MY Jeep, Compass (MPF?) vehicles, equipped with Stop-Start Dual Battery System (sales code XHZ) may experience a malfunction indicator lamp ("MIL"), P152F - engine hood switch 2/engine hood switch 1 correlation and/or engine start stop disabled with a message displayed in the cluster due to a mis-alignment of the striker plate to hood		9/4/2018		6638	5
1428	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes while driving. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire and loss of po				143004	138
1429	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes while driving. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire and loss of po				18295	0
1430	Oil sludge accumulation in the primary PCV circuit, combined with ice accumulation in the secondary PCV circuit, can cause elevated crankcase pressure that forces oil to leak from rear crankshaft seal.				80691	351
	<p>DTCs Present:Not applicable</p> <p>Component:Engine Control Unit - The ECM and associated software calibration provides control/monitoring operation for the vehicle's engine.</p> <p>Part Number ? Production:Audi:</p> <p>A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005</p> <p>A3-LEV 30-SW part number 8V0.907.115.B_0001-0006</p> <p>VW:</p> <p>VW Tiguan -5NA.907.115.A-version 0002, 0004</p> <p>VW Beetle -06K.906.016.B</p> <p>VW Passat -06K.906.016.C</p> <p>Part Number ? Replacement:Audi:</p> <p>A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006</p> <p>A3-LEV 30-SW part number 8V0.907.115.B_0007</p> <p>VW:</p> <p>VW Tiguan -5NA.907.115.K ? 0001</p> <p>VW Beetle -TBD</p> <p>VW Passat -TBD</p> <p>Part Number ? Analysis:Audi:</p> <p>A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005</p> <p>A3-LEV 30-SW part number 8V0.907.115.B_0001 ? 0006</p> <p>VW:</p> <p>VW Tiguan -5NA.907.115.A-version 0002, 0004</p> <p>VW Beetle -06K.906.016.B</p> <p>VW Passat -06K.906.016.C</p> <p>Analysis:A supplier disclosed an issue along with an incorrect application for the Electromagnetic Compatibility (EMC)- correction factor. (100% failure rate determined for this software when the operating conditions below are all present):</p> <p>-Engine Control Unit (Bosch) produced with 7CJ135?? module</p> <p>-Pre O2 sensor (LSU lambda sensor) with 7Advanced??-Generation</p> <p>-Pre O2 sensor with real aging effect within specification (Field analysis confirmed that this effect may occur first over mileage 50,000 mi)</p>				0	0
1432	Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.				278125	6519
1433	Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.				191520	3538
1434	Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.				66081	0
1435	Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.				66081	0
1436	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>A FCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>				10387	10387
1437	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>A FCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>				1350	1350

	A	B	C	D	E	F	G	H	I	J	K	L
1438	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	
1439	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
1440	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
1441	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SE	
1442	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata Limited	
1443	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	

	M	N	O	P
1438		BHYXV02.01VE	2014	Electrical Wiring, Sensor, and Actuator Systems
1439		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
1440		GHYXV02.41WE	2016	Electrical Wiring, Sensor, and Actuator Systems
1441		JHYXV02.4AU3	2018	Electrical Wiring, Sensor, and Actuator Systems
1442		HHYXV02.0AHF	2017	Electrical Wiring, Sensor, and Actuator Systems
1443		HHYXV02.0AHF	2017	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
1444	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
1445	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	
1446	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
1447	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
1448	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
1449	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	

	M	N	O	P
1444		FHYXV02.42JP	2015	Electrical Wiring, Sensor, and Actuator Systems
1445		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
1446		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
1447		GHYXV02.01VE	2016	Electrical Wiring, Sensor, and Actuator Systems
1448		FHYXV02.41JE	2015	Electrical Wiring, Sensor, and Actuator Systems
1449		BHYXV02.0XWS	2011	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
1450	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
1451	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima FE	
1452	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
1453	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
1454	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson 2WD	
1455	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	

	M	N	O	P
1450		HHYXV02.01VF	2017	Electrical Wiring, Sensor, and Actuator Systems
1451		GHYXV02.4AJ4	2016	Electrical Wiring, Sensor, and Actuator Systems
1452		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
1453		EHYXV02.41JE	2014	Electrical Wiring, Sensor, and Actuator Systems
1454		EHYXT02.41UE	2014	Electrical Wiring, Sensor, and Actuator Systems
1455		EHYXV02.41WE	2014	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
1456	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
1457	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
1458	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
1459	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
1460	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
1461	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	

	M	N	O	P
1456		GHYXV02.01VE	2016	Electrical Wiring, Sensor, and Actuator Systems
1457		CHYXV02.4VPC	2012	Electrical Wiring, Sensor, and Actuator Systems
1458		FHYXV02.41JE	2015	Electrical Wiring, Sensor, and Actuator Systems
1459		DHYXV02.42GP	2013	Electrical Wiring, Sensor, and Actuator Systems
1460		HHYXV02.4AJP	2017	Electrical Wiring, Sensor, and Actuator Systems
1461		GHYXV02.4B/J	2016	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
1462	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
1463	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 10:44:06		VGA-DR-2019-0000711	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Passat	
1464	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:45:31		PRX-DR-2019-0000692	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Turbo S	3.8L
1465	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:45:31		PRX-DR-2019-0000692	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Turbo	3.8L
1466	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:45:31		PRX-DR-2019-0000692	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Turbo S Cabriolet	3.8L
1467	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:45:31		PRX-DR-2019-0000692	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 GT2 RS	3.8L
1468	Porsche AG	PRX	New Submission	Submitted	9/11/2019 12:56:16		PRX-DR-2019-0000693	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne e-Hybrid	3L
1469	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4	3L
1470	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo	
1471	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo ST	
1472	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S ST	2.9L
1473	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S ST	3L
1474	Porsche AG	PRX	New Submission	Submitted	9/11/2019 14:31:38		PRX-DR-2019-0000695	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid	
1475	Kia Motors Corporation	KMX	New Submission	Submitted	3/13/2019 14:47:47		KMX-DR-2019-0000204	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sorento AWD	
1476	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	XS xDrive35d	
1477	FCAUS LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass FWD	
1478	FCAUS LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass FWD	2.4L (E03)
1479	FCAUS LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Patriot 4x4	2.4L (E03)
1480	FCAUS LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1481	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:46:03		NSX-DR-2019-0000194	Defect Report	DR - Catalyst System	NISSAN	ALTIMA AWD	
1482	Mercedes Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000920	Defect Report	DR - Selective Catalytic Reduction System			
1483	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1484	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1485	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1486	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1487	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1488	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1489	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1490	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1491	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1492	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1493	Audi	ADY	New Submission	Submitted	8/12/2019 15:05:28		ADY-DR-2019-0000631	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	A8	
1494	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 10:18:09		GMX-DR-2019-0000344	Defect Report	DR - Crankcase Ventilation System	Chevrolet	CRUZE	
1495	Kia Motors Corporation	KMX	New Submission	Superseded	8/13/2019 14:14:52	8/13/2019 14:34:36	KMX-DR-2019-0000636	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger	

	M	N	O	P
1462		DHYV02.41GE	2013	Electrical Wiring, Sensor, and Actuator Systems
1463		FVGAV02.0VAL	2015	Selective Catalytic Reduction System
1464 Automatic		JPRXV04.0791	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1465 Automatic		JPRXV04.0791	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1466 Automatic		JPRXV04.0791	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1467 Automatic		JPRXV04.0791	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1468 Automatic		KPRXT03.0CH6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1469 Automatic		KPRXV03.0PV6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1470		KPRXV04.0PV8	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1471		KPRXV04.0PV8	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1472 Automatic		KPRXV03.0PV6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1473 Automatic		KPRXV03.0PV6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1474		KPRXV04.0PH8	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1475		KKMXV02.4JH5	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
1476		EBMXT03.0N57	2014	Electrical Wiring, Sensor, and Actuator Systems
1477		HCRXT02.45P0	2017	Electrical Wiring, Sensor, and Actuator Systems
1478 Automatic (DA4)		GCRXJ02.45P4	2016	Electrical Wiring, Sensor, and Actuator Systems
1479 Automatic (DA4)		HCRXJ02.45P1	2017	Electrical Wiring, Sensor, and Actuator Systems
1480		GCRXT02.45P2	2016	Electrical Wiring, Sensor, and Actuator Systems
1481		KKSKV02.58PA	2019	Catalyst System
1482		DMBXT03.0HD1	2013	Selective Catalytic Reduction System
1483		FCRXJ02.45P0	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1484		HCRXJ02.45PA	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1485		GCRXT05.75P1	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1486		GCRXJ02.45P4	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1487		GCRXT05.75P0	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1488		HCRXV03.65P0	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1489		FCRXT02.45P2	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1490		HCRXJ02.4CP6	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1491		GCRXT02.45P1	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1492		FCRXT03.65PD	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1493		EADVJ03.04UG	2014	Exhaust Gas Recirculation (EGR) System
1494		GGMXV01.4099	2016	Crankcase Ventilation System
1495		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1496	FCA US LLC	CRX	New Submission	Superseded	3/20/2019 11:39:59	3/22/2019 7:54:58	CRX-DR-2019-0000217	Defect Report	DR - On-Board Diagnostic (OBD) System			
1497	BMW	BMX	New Submission	Submitted	9/2/2019 11:40:48		BMX-DR-2019-0000620	Defect Report	DR - Hybrid Vehicle System	BMW	i3	
1498	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	ioniq	
1499	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro Touring	
1500	FCA US LLC	CRX	New Submission	Submitted	3/22/2019 10:26:44		CRX-DR-2019-0000221	Defect Report	DR - On-Board Diagnostic (OBD) System			
1501	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 14:56:41		KMX-DR-2019-0000638	Defect Report	DR - Catalyst System	HYUNDAI	Accent	
1502	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 FWD	
1503	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 AWD	
1504	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 FWD	
1505	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/26/2019 15:15:25		JLX-DR-2019-0000664	Defect Report	DR - On-Board Diagnostic (OBD) System			
1506	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/26/2019 15:44:39		JLX-DR-2019-0000665	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
1507	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/26/2019 15:51:57		VGA-DR-2019-0000663	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Beetle	
1508	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta	
1509	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:38		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	COOPER HARDTOP 2 DOOR	
1510	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A4	

	M	N	O	P
1496		JCRXT03.65P3	2018	On-Board Diagnostic (OBD) System
1497		KBMXV00.0I3B	2019	Hybrid Vehicle System
1498		JKMXV01.6D43	2018	On-Board Diagnostic (OBD) System
1499		KKMXV01.6L13	2019	On-Board Diagnostic (OBD) System
1500		KCRXV03.65P3	2019	On-Board Diagnostic (OBD) System
1501		FKMXV01.6DBE	2015	Catalyst System
1502		HN5XT03.5P7B	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1503		HN5XT03.5P7A	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1504		HN5XT03.5P7A	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1505		JLJXT03.0GTR	2018	On-Board Diagnostic (OBD) System
1506		JLJXJ02.0RTX	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1507		FVGAV02.0VAL	2015	Selective Catalytic Reduction System
1508		EWXV02.03PA	2014	Drivetrain/Transmission System
1509		LBMXV01.5B36	2020	Emission Control Information Label
1510		DADXV02.03UB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
1511	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	Q5	
1512	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A5 Cabriolet quattro	
1513	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A4 quattro	
1514	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A5 Cabriolet quattro	
1515	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid Exec	4L
1516	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S 5T	2.9L
1517	Porsche AG	PRX	New Submission	Submitted	9/11/2019 9:47:32		PRX-DR-2019-0000684	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayman	2L
1518	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Targa 4 GTS	3L
1519	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera GTS	3L
1520	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Targa 4S	3L
1521	Lotus Cars Ltd	LTX	Correction	Submitted	9/17/2019 3:17:59		LTX-DR-2019-0000704	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Lotus	Evora	
1522	Lotus Cars Ltd	LTX	Correction	Submitted	9/17/2019 3:17:59		LTX-DR-2019-0000704	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Lotus	Evora	
1523	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
1524	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1525	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1526	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1527	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1528	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1529	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1530	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1531	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1532	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
1533	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC90 AWD	
1534	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC90 AWD	
1535	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:27:16		FIX-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
1536	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:27:16		FIX-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
1537	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
1538	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
1539	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 Executive	3L
1540	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER'S CLUBMAN ALL4	
1541	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X1 xDrive28i	
1542	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	LEGACY	
1543	Mazda Motor Corporation	TKX	New Submission	Submitted	2/7/2019 21:12:58		TKX-DR-2019-0000056	Defect Report	DR - On-Board Diagnostic (OBD) System	MAZDA	MX-5	
1544	Mazda North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			

	M	N	O	P
1511		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1512		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1513		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1514		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1515 Automatic		JPRXV04.0PHB	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1516 Automatic		JPRXV03.0PVG	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1517 Automatic and Manual		JPRXV02.5B82	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1518 Automatic and Manual		JPRXV03.0C91	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1519 Automatic and Manual		JPRXV03.0C91	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1520 Automatic and Manual		JPRXV03.0C91	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1521		HLTXV03.5JH8	2017	Air Inlet System (Including Turbo and Superchargers)
1522		HLTXV03.5JH8	2017	Air Inlet System (Including Turbo and Superchargers)
1523		CMBXT03.0U2A	2012	Air Inlet System (Including Turbo and Superchargers)
1524		JNSXV03.5N7A	2018	On-Board Diagnostic (OBD) System
1525		KKSXV02.58PA	2019	On-Board Diagnostic (OBD) System
1526		GNXSV03.5G7B	2016	On-Board Diagnostic (OBD) System
1527		GNXSV01.6GDA	2016	On-Board Diagnostic (OBD) System
1528		JNSXV01.6N4A	2018	On-Board Diagnostic (OBD) System
1529		JNSXV01.6P4A	2018	On-Board Diagnostic (OBD) System
1530		JNSXT03.5P7A	2018	On-Board Diagnostic (OBD) System
1531		GNXSV03.5G7A	2016	On-Board Diagnostic (OBD) System
1532		GNXST03.5G7A	2016	On-Board Diagnostic (OBD) System
1533		HVVXT02.0U3T	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1534		JVVXJ02.0B70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1535		FFXJ02.5HRV	2015	Catalyst System
1536		FFXJ02.5J5W	2015	Catalyst System
1537		EJLXV03.0F5F	2014	Air Inlet System (Including Turbo and Superchargers)
1538		EJLXT03.0D02	2014	Air Inlet System (Including Turbo and Superchargers)
1539 Automatic		JPRXV03.0PVG	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1540		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
1541		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
1542		FFXJ02.5HRV	2015	Catalyst System
1543		GTXKV02.05B8	2016	On-Board Diagnostic (OBD) System
1544		CMAKV04.7LEV	2012	Drivetrain/Transmission System

	A	B	C	D	E	F	G	H	I	J	K	L
1545	Kia Motors Corporation	KMX	New Submission	Superseded	2/18/2019 14:28:40	2/18/2019 14:36:51	KMX-DR-2019-0000154	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
1546	BMW	BMX	New Submission	Submitted	2/19/2019 4:54:10		BMX-DR-2019-0000158	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	330e	
1547	Jaguar Land Rover Limited	JLX	New Submission	Submitted	4/16/2019 11:59:03		JLX-DR-2019-0000213	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1548	Jaguar Land Rover Limited	JLX	New Submission	Submitted	4/16/2019 11:59:03		JLX-DR-2019-0000213	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1549	Jaguar Land Rover Limited	JLX	New Submission	Submitted	4/16/2019 11:59:03		JLX-DR-2019-0000213	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1550	Jaguar Land Rover Limited	JLX	New Submission	Submitted	4/16/2019 11:59:03		JLX-DR-2019-0000213	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1551	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	4/16/2019 12:26:36		HNX-DR-2019-0000276	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	ODYSSEY FWD	
1552	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 15:56:36		VGA-DR-2019-0000113	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A3	
1553	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	7/26/2019 14:54:04		HNX-DR-2019-0000573	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD	3.5L
1554	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	7/26/2019 14:54:04		HNX-DR-2019-0000573	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD	3.5L
1555	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler 4x4	
1556	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger AWD	
1557	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	
1558	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4 Active Drive II	
1559	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
1560	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 Cabriolet quattro	
1561	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 quattro	
1562	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/5/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX AWD	
1563	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/5/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	Pilot FWD	
1564	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/5/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX 4WD	
1565	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE CONVERTIBLE	
1566	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	

	A	B	C	D	E	F	G	H	I	J	K	L
1567	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	
1568	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	JETTA SPORTWAGEN	
1569	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BEETLE CONVERTIBLE	
1570	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Golf	
1571	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3	
1572	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1573	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1574	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1575	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1576	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1577	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1578	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1579	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1580	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1581	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1582	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1583	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1584	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1585	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1586	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1587	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1588	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1589	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1590	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1591	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
1592	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	HYUNDAI	Elantra Coupe	
1593	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Forté S	
1594	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
1567		DVWXV03.6U46	2013	On-Board Diagnostic (OBD) System
1568		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
1569		DVWXV02.0B5F	2013	On-Board Diagnostic (OBD) System
1570		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
1571		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
1572		JMBXJ04.0U2A	2018	On-Board Diagnostic (OBD) System
1573		EMBXV05.5U2B	2014	On-Board Diagnostic (OBD) System
1574		GNMBXJ03.0HWI	2016	On-Board Diagnostic (OBD) System
1575		DMBXV03.5U2B	2013	On-Board Diagnostic (OBD) System
1576		BMBXV05.5U2A	2011	On-Board Diagnostic (OBD) System
1577		HMBXV02.0U2C	2017	On-Board Diagnostic (OBD) System
1578		GNMBXV04.0U2A	2016	On-Board Diagnostic (OBD) System
1579		JMBXT04.0U2A	2018	On-Board Diagnostic (OBD) System
1580		JMBXT03.0U2B	2018	On-Board Diagnostic (OBD) System
1581		FMBXJ02.0U2A	2015	On-Board Diagnostic (OBD) System
1582		HMBXT03.5U2B	2017	On-Board Diagnostic (OBD) System
1583		GMBXJ02.0U2B	2016	On-Board Diagnostic (OBD) System
1584		FMBXV03.5U2A	2015	On-Board Diagnostic (OBD) System
1585		JMBXT03.5U2B	2018	On-Board Diagnostic (OBD) System
1586		ENMBXV02.0U2C	2014	On-Board Diagnostic (OBD) System
1587		ENMBXJ03.5S2A	2014	On-Board Diagnostic (OBD) System
1588		DMBXJ03.5U2B	2013	On-Board Diagnostic (OBD) System
1589		GMBXT03.5U2A	2016	On-Board Diagnostic (OBD) System
1590		GNMBXJ03.5U2A	2013	On-Board Diagnostic (OBD) System
1591		GMBXJ02.0U2A	2016	On-Board Diagnostic (OBD) System
1592		EKM XV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1593		EKM XV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1594		GMBXT03.0U2A	2016	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U	
	<div>Analysis determined software list above calibrations within this report have one of the following concerns:</div> <div>-Software designed for other Model - Software was intended for another model</div> <div>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze</div> <div>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</div> <div>-Pre-series software installed - Vehicles with pre-series software in the field</div> <div>Production SoftwareReplacement SoftwareECM or TCMtest Group</div> <div>06J997029D_150906J997029D_1509ECMDVWXJ02.03UA</div> <div>06J997029E_151006J997029E_1507ECMDVWXJ02.03UA</div> <div>04E906023_423104E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_468904E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_492004E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_492004E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_503704E906023_7928ECM DVWXV01.4PHE</div> <div>06J997029D_150906J997029D_1514ECM DVWXV02.03PA</div> <div>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</div> <div>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</div> <div>06K906070A_487806K906070AA_9347ECM DVWXV02.085F</div> <div>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</div> <div>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59</div> <div>07K90605SCS_434107K90605SCS_5853ECM DVWXV02.5M59</div> <div>03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>					
1567	<div>Analysis determined software list above calibrations within this report have one of the following concerns:</div> <div>-Software designed for other Model - Software was intended for another model</div> <div>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze</div> <div>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</div> <div>-Pre-series software installed - Vehicles with pre-series software in the field</div> <div>Production SoftwareReplacement SoftwareECM or TCMtest Group</div> <div>06J997029D_150906J997029D_1509ECMDVWXJ02.03UA</div> <div>06J997029E_151006J997029E_1507ECMDVWXJ02.03UA</div> <div>04E906023_423104E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_468904E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_492004E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_503704E906023_7928ECM DVWXV01.4PHE</div> <div>06J997029D_150906J997029D_1514ECM DVWXV02.03PA</div> <div>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</div> <div>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</div> <div>06K906070A_487806K906070AA_9347ECM DVWXV02.085F</div> <div>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</div> <div>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59</div> <div>07K90605SCS_434107K90605SCS_5853ECM DVWXV02.5M59</div> <div>03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>				4	4
1568	<div>Analysis determined software list above calibrations within this report have one of the following concerns:</div> <div>-Software designed for other Model - Software was intended for another model</div> <div>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze</div> <div>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</div> <div>-Pre-series software installed - Vehicles with pre-series software in the field</div> <div>Production SoftwareReplacement SoftwareECM or TCMtest Group</div> <div>06J997029D_150906J997029D_1509ECMDVWXJ02.03UA</div> <div>06J997029E_151006J997029E_1507ECMDVWXJ02.03UA</div> <div>04E906023_423104E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_468904E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_492004E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_503704E906023_7928ECM DVWXV01.4PHE</div> <div>06J997029D_150906J997029D_1514ECM DVWXV02.03PA</div> <div>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</div> <div>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</div> <div>06K906070A_487806K906070AA_9347ECM DVWXV02.085F</div> <div>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</div> <div>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59</div> <div>07K90605SCS_434107K90605SCS_5853ECM DVWXV02.5M59</div> <div>03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>				7	7
1569	<div>Analysis determined software list above calibrations within this report have one of the following concerns:</div> <div>-Software designed for other Model - Software was intended for another model</div> <div>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze</div> <div>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</div> <div>-Pre-series software installed - Vehicles with pre-series software in the field</div> <div>Production SoftwareReplacement SoftwareECM or TCMtest Group</div> <div>06J997029D_150906J997029D_1509ECMDVWXJ02.03UA</div> <div>06J997029E_151006J997029E_1507ECMDVWXJ02.03UA</div> <div>04E906023_423104E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_468904E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_492004E906023_7928ECM DVWXV01.4PHE</div> <div>04E906023_503704E906023_7928ECM DVWXV01.4PHE</div> <div>06J997029D_150906J997029D_1514ECM DVWXV02.03PA</div> <div>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</div> <div>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</div> <div>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</div> <div>06K906070A_487806K906070AA_9347ECM DVWXV02.085F</div> <div>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</div> <div>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</div> <div>09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59</div> <div>07K90605SCS_434107K90605SCS_5853ECM DVWXV02.5M59</div> <div>03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>				2	2
1570	<div>ComplaintNo known customer complaints</div> <div>DTCs PresentP220A ? Sensor Supply</div> <div>P2100 ? Open circuit (sensor wire)</div> <div>P2201 ? N/Ox Offset signal range check low/high</div> <div>P204F ? Monitoring of NOx Conversion efficiency</div> <div>ComponentNOx Sensor</div> <div>Initial Service Replacement Part Number04L-907-807-AD</div> <div>Subsequent Service Replacement Part Number04L-907-807-AD</div> <div>AnalysisForty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases ? oxygen content, could trigger a deviation in the Sensor's signal and cause a MIL-on condition.</div>				46	0
1571	<div>ComplaintNo known customer complaints</div> <div>DTCs PresentP220A ? Sensor Supply</div> <div>P2100 ? Open circuit (sensor wire)</div> <div>P2201 ? N/Ox Offset signal range check low/high</div> <div>P204F ? Monitoring of NOx Conversion efficiency</div> <div>ComponentNOx Sensor</div> <div>Initial Service Replacement Part Number04L-907-807-AD</div> <div>Subsequent Service Replacement Part Number04L-907-807-AD</div> <div>AnalysisForty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases ? oxygen content, could trigger a deviation in the Sensor's signal and cause a MIL-on condition.</div>				46	0
1572	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				9923	0
1573	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				13483	0
1574	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				443	0
1575	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				2678	0
1576	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				219	0
1577	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				466	0
1578	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				3697	0
1579	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				1016	0
1580	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				21152	0
1581	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				41094	0
1582	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				13992	0
1583	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				9754	0
1584	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				10394	0
1585	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				326	0
1586	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				2316	0
1587	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				79529	0
1588	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				15186	0
1589	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				32000	0
1590	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				5471	0
1591	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				3042	0
1592	Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOG control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered to ensure the catalyst reaches the acti				3214	1
1593	Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOG control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered to ensure the catalyst reaches the acti				3214	1
	<div>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</div> <div>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</div> <div>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</div>				1697	29

	A	B	C	D	E	F	G	H	I	J	K	L
1595	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1596	BMW	BMX	New Submission	Superseded	1/29/2019 8:24:25	1/29/2019 10:45:32	BMX-DR-2019-0000021	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S35d	
1597	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:00:32	4/24/2019 12:40:13	NSX-DR-2019-0000283	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA	
1598	BMW	BMX	Correction	Submitted	1/29/2019 9:35:27		BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	Mini Cooper Clubman	
1599	Audi	ADX	New Submission	Submitted	1/30/2019 5:58:09		ADX-DR-2019-0000053	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q7	
1600	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Bentley	Continental GTC	
1601	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/13/2019 12:10:40		HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT FWD	
1602	BMW	BMX	Correction	Submitted	1/29/2019 10:30:53		BMX-DR-2019-0000014	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S35d	
1603	BMW	BMX	Correction	Submitted	1/29/2019 10:34:25		BMX-DR-2019-0000015	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S35d xDrive	

	M	N	O	P
1595		CMBXT03.0HD2	2012	Electrical Wiring, Sensor, and Actuator Systems
1596		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1597		KNSXV02.3RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1598		GBMXV01.5M36	2016	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1599		BADXT03.0TLF	2011	On-Board Diagnostic (OBD) System
1600		EADKV04.03U	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1601		KHNKV03.5KH3	2019	On-Board Diagnostic (OBD) System
1602		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1603		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			2161	0
1595					
	<p>The affected part number 16127205304 relates to the REAR FUEL FEED LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL FEED LINE is/was working properly and has/had no malfunction.</p> <p>On some 2019 Nissan Altima vehicles, the fuel pump lock ring that secures the fuel pump module to the fuel tank may have been installed incorrectly during production. More specifically, the lock ring may not have been completely engaged during re-installation following offline rework at the supplier. If the fuel pump lock ring is r</p>	6/30/2015 2/20/2019	10/30/2016 3/1/2019	1209 8100	298 347
1596					
1597					
	<p>The affected part numbers 13907614013 (used for model MINI Cooper Clubman) and 13907621174 (used for models MINI Cooper and MINI Convertible) relate to the FUEL TANK BREATHER VALVE. Analyses have shown, that in 100% of all cases one of the following two different hardware failures could cause the malfunctioning tank breather valve, which are both detected by the OBD system (fault code entry including MIL illumination). Failure #1 (Knobs failure mode): The rubber structure of the knobs pressed in the hole of the valve bumper could crack in the area between chamfer and hole and in the following could detach and get lost in the backside. Due to the missing rubber structure there is a metal to metal contact in the fuel tank breather valve, which could result in a blocked valve and could lead to a too lean fuel mixture, which is detected by the OBD. Failure #2 (Retractable membrane): Due to failures in the production process the retractable membrane (plastic material) of the non-return valve could brake completely. This malfunction could be caused either by an extruding failure or by a pre-damage of the membrane due to a ridge on the seat engaging surface of the anker. For vehicles with one fuel tank breather valve this malfunction (broken membrane) will be detected by the OBD as small leakage, for vehicles with two valve as a leakage of the second purge line.</p>	6/30/2015	6/29/2016	16499	4950
1598					
	<p>Complaint: No consumer complaints DTCs Present: N/A Component: ECM Software Part Number ? Production: MY11 Q7, CJC (272 HP); 4L0910551A_0010-0040 MY11 Q7, CJB (333 HP); 4L0910551H_0010-0040 MY12 Q7, CJE (280 HP); 4L0910551J_0010-0020 MY12 Q7, CJB (333 HP); 4L0910551K_0010-0020</p> <p>Part Number ? Replacement: Please refer to production part number Part Number ? Analysis: Please refer to production part number Analysis: Evaluation of MY2012, high-mileage and useful-life IUCP tests reflected elevated NOx levels in excess of IUCP test criteria. Under certain circumstances (i.e. high load/speed conditions), the actual application may cause a short-term temperature peak in the exhaust system.</p>			4886	0
1599					
	<p>Complaint: Coolant warning / MIL on; DTCs Present: P2181 ? Cooling System Performance; P0597 ? Electrical Thermostat, Circuit Open; P0599 ? Electrical Thermostat, Circuit Short to Voltage;</p> <p>Component: Thermostat Part Number ? Production: 079.121.115.AQ; Part Number ? Replacement: 079.121.115.BD; Part Number ? Analysis: 079.121.115.AQ; Analysis: The ECM will set P2181 if the measured engine temperature does not reach the value within the timing map. Particles from the production process contaminating the cooling system affect the closing of the thermostat;</p> <p>55x Particle at seal seat within the thermostat; 6x Thermostat sealing out of position; 6x Pin for heater element deformed due to electrical overstress;</p>			144	126
1600	9x NTF				
1601	Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient and below the In Use Performance Ratio (IUPR) requirements.	7/6/2018		57585	0
	<p>The affected part number 11617801943 relates to the VENTURI TO THROTTLE O-RING (PROFILE GASKET). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component VENTURI TO THROTTLE O-RING (PROFILE GASKET) is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
1602		6/30/2015	10/30/2016	1209	298
1603	The affected part number 13537823395 relates to the FUEL LINE TO HIGH-PRESSURE PUMP. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW	6/30/2015	10/30/2016	1209	298

	A	B	C	D	E	F	G	H	I	J	K	L
1604	BMW	BMX	Correction	Submitted	1/29/2019 10:36:02		BMX-DR-2019-0000016	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
1605	BMW	BMX	New Submission	Superseded	7/2/2019 6:18:05	7/4/2019 3:05:05	BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive50i	
1606	American Honda Motor Co., Inc.	HNV	New Submission	Submitted	1/30/2019 11:54:52		HNV-DR-2019-0000051	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	RIDGELINE AWD	
1607	American Honda Motor Co., Inc.	HNV	New Submission	Submitted	1/30/2019 11:54:52		HNV-DR-2019-0000051	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	RIDGELINE AWD	
1608	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
1609	Kia Motors Corporation	KMX	Correction	Submitted	5/22/2019 11:38:13		KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
1610	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento FWD	
1611	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger	
1612	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento AWD	
1613	Mercedes Benz	MBX	New Submission	Submitted	5/24/2019 1:45:29		MBX-DR-2019-0000362	Defect Report	DR - Diesel Particulate Filter System			
1614	Mercedes Benz	MBX	New Submission	Submitted	5/24/2019 1:45:29		MBX-DR-2019-0000362	Defect Report	DR - Diesel Particulate Filter System			
1615	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Touareg	
1616	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q7	

	M	N	O	P
1604		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1605		KBMXJ04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1606		KHAXT03.5K64	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1607		HHNXT03.5WW4	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1608		GCRXT03.6SP2	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1609		JKMXV02.04E3	2018	On-Board Diagnostic (OBD) System
1610		KKMXV03.3UJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1611		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1612		KKMXV03.3UJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1613		FMBXJ02.1U2A	2015	Diesel Particulate Filter System
1614		EMBXJ02.2U2A	2014	Diesel Particulate Filter System
1615		GVGAT03.0NU2	2016	On-Board Diagnostic (OBD) System
1616		FVGAT03.0NU3	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The affected part number 13537823399 relates to the INJECTOR OIL OVERFLOW RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-NS7/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component INJECTOR OIL OVERFLOW RETURN LINE is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
	<p>Wrong screwing/connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario:</p> <p>During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018 3/6/2018 4/25/2016	6/4/2019 7/26/2017	100 34601 49612	100 1 11
	<p>2018*/2019 model year Kia Forte vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with diagnostic trouble code DTC P0300, P0301, P0302, P0303, P0304: Misfire Detected and DTC P219C00, P219D00, P219E00, P219F00: Air-Fuel Ratio Imbalance. The main cause is the improper adaptation of cylinder imbalance diagnosis.</p> <p>To correct this problem, Kia will reprogram the ECU data.</p>			29443	25
	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p>			714	714
	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p>			307	307
	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p>			714 3136 4361	714 1099 434
	<p>Various PVE (U)(2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs PresentNOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE(U)(2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelMYCurrent SoftwareTarget AEM-C Software Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520158K907401AC 0008 BVAB8K907401AC 0010 Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014 Gen 2.2 SUVfourreg20157P1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520168K907401AC 0008 BVAB8K907401AC 0010 Gen 2.2 SUVfourreg20167P1907401C 0007 AVAB7P1907401C 0010</p>			2416	2416
	<p>Various PVE (U)(2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs PresentNOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE(U)(2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelMYCurrent SoftwareTarget AEM-C Software Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520158K907401AC 0008 BVAB8K907401AC 0010 Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014 Gen 2.2 SUVfourreg20157P1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520168K907401AC 0008 BVAB8K907401AC 0010 Gen 2.2 SUVfourreg20167P1907401C 0007 AVAB7P1907401C 0010</p>			5210	5210

	A	B	C	D	E	F	G	H	I	J	K	L
1617	BMW	BMX	New Submission	Submitted	7/18/2019 5:03:12		BMX-DR-2019-0000527	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
1618	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
1619	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/24/2019 14:51:51		VGA-DR-2019-0000365	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A4	
1620	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1621	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1622	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1623	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1624	General Motors LLC	GMX	New Submission	Submitted	2/15/2019 15:10:51		GMX-DR-2019-0000109	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1625	General Motors LLC	GMX	New Submission	Submitted	2/15/2019 15:18:17		GMX-DR-2019-0000112	Defect Report	DR - On-Board Diagnostic (OBD) System	GMC	TERRAIN	

	M	N	O	P
1617		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1618		HVVXV02.0L3T	2017	Catalyst System
1619		HVGA02.0AAC	2017	On-Board Diagnostic (OBD) System
1620		EILXV03.0FSM	2014	Electrical Wiring, Sensor, and Actuator Systems
1621		EILXT03.0001	2014	Electrical Wiring, Sensor, and Actuator Systems
1622		FJLXT03.0FSP	2015	Electrical Wiring, Sensor, and Actuator Systems
1623		EILXT03.0002	2014	Electrical Wiring, Sensor, and Actuator Systems
1624		KGMXT02.0400	2019	Electrical Wiring, Sensor, and Actuator Systems
1625		JGMXT01.5090	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
1617	<p>The affected part number 16117243972 relates to the FUEL PUMP [SUPPLY MODULE].</p> <p>Analyses have shown that this component in general (in about 94% of all cases) was replaced in service in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group GBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils), please see also FIR-F-0G-2.0-20.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils).</p> <p>Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [SUPPLYMODULE] was replaced in the other 6% of all cases.</p>	6/30/2015	6/29/2016	1038	119
1618	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>			200	200
1619	<p>Complaint: No known customer complaints</p> <p>DTCs Present: no DTCs present</p> <p>Component: ECM Software Calibration</p> <p>Part Number ? Production: 8V0 907 115 B V0006 ? A3 8W0 907 115 C V0005 ? A4</p> <p>Part Number ? Replacement: 8V0 907 115 B V0007 ? A3 8W0 907 115 C V0006 ? A4</p> <p>Part Number ? Analysis: 8V0 907 115 B V0006 ? A3 8W0 907 115 C V0005 ? A4</p> <p>Analysis: Due to a calibration concern related to the ECM Clamp 30 Circuit monitor (which affects the ?engine off timer?? calculation), the Malfunction Indicator Light (MIL) will not activate per regulations.</p> <p>ECM Clamp 30 Circuit: Unswitched voltage is applied to the ECM from the battery (ECM Clamp 30 Circuit) to support ?engine off time?? monitors.</p>			7961	7961
1620	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC?s), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			5133	1473
1621	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC?s), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			7218	2072
1622	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC?s), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			18120	6614
1623	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC?s), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			22809	6546
1624	<p>During the assembly of certain vehicle fuel tanks, a wire, that is internal to the fuel tank, was incorrectly routed in a way that it is possible that the wire can interfere with movement of the fuel level sensor float. If this were to happen the fuel gauge could read less than the actual fuel level.</p>			44	44
1625	<p>In certain vehicles the ECM does not properly respond to test tool requests for the Calibration Verification Numbers (CVN).</p>			44	44

	A	B	C	D	E	F	G	H	I	J	K	L
1626	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/29/2019 22:17:48		VGA-DR-2019-0000054	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	Q5	
1627	Mercedes Benz	MBX	New Submission	Submitted	7/24/2019 13:10:32		MBX-DR-2019-0000552	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1628	BMW	BMX	New Submission	Submitted	5/28/2019 9:04:48		BMX-DR-2019-0000368	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	X3 M40i	
1629	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/28/2019 15:30:20		VGA-DR-2019-0000370	Defect Report	DR - Crankcase Ventilation System	Audi	Q7	
1630	Audi	ADX	Correction	Submitted	1/29/2019 22:43:31		ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
1631	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A6 quattro	
1632	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 11:55:58		HNX-DR-2019-0000064	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	ILX	
1633	BMW	BMX	New Submission	Submitted	5/28/2019 9:18:18		BMX-DR-2019-0000369	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i	
1634	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	FIAT	500X	

	M	N	O	P
1626		JVGAI02.0A4C	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1627		FMBXI02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
1628		JBMIJ03.0B5X	2018	Electrical Wiring, Sensor, and Actuator Systems
1629		FVGAT03.0ALT	2015	Crankcase Ventilation System
1630		EADXV04.03UU	2014	Electrical Wiring, Sensor, and Actuator Systems
1631		EADXI03.04UG	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1632		HHNXV02.45H3	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1633		JBMIJ04.4N63	2018	Electrical Wiring, Sensor, and Actuator Systems
1634		HCRKI02.45P1	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1635	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Jeep	Renegade 4x2	
1636	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A8	
1637	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A8L	
1638	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	
1639	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger	
1640	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger	
1641	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler Unlimited 4x4	
1642	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler 4X4	
1643	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
1644	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger SRT	
1645	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	Pacifica Hybrid	
1646	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 HFE 4X2	
1647	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1648	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
1649	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
1650	Kia Motors Corporation	KMX	Correction	Submitted	6/6/2019 11:22:24		KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Optima	

	M	N	O	P
1635		FCRXJ02.45PA	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1636		FVGAI03.0NU4	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1637		GVGAJ03.0NU4	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1638		HCRXT03.65P3	2017	Exhaust Gas Recirculation (EGR) System
1639		HCRXV05.75P0	2017	Exhaust Gas Recirculation (EGR) System
1640		HCRXV05.75P0	2017	Exhaust Gas Recirculation (EGR) System
1641		GCRXJ03.65P3	2016	Exhaust Gas Recirculation (EGR) System
1642		GCRXJ03.65P3	2016	Exhaust Gas Recirculation (EGR) System
1643		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
1644		HCRXV06.45P0	2017	Exhaust Gas Recirculation (EGR) System
1645		HCRXT03.65P0	2017	Exhaust Gas Recirculation (EGR) System
1646		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
1647		HULXJ03.0F5P	2017	Electrical Wiring, Sensor, and Actuator Systems
1648		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1649		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1650		KKMXV02.0DG5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1651	Kia Motors Corporation	KMX	Correction	Submitted	6/6/2019 11:22:24		KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento AWD	
1652	Hyundai Motor Company	HYX	New Submission	Superseded	6/10/2019 16:36:40	6/10/2019 16:44:14	HYX-DR-2019-0000427	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Sonata plug-in hybrid	
1653	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000226	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage FE FWD	
1654	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000226	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage FE AWD	
1655	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	8/2/2019 16:50:51		HMX-DR-2019-0000596	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	CR-V FWD	
1656	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
1657	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
1658	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
1659	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
1660	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
1661	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
1662	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
1663	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
1664	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
1665	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
1666	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI FWD	
1667	Ford Motor Company	FMX	Correction	Submitted	3/29/2019 9:11:40		FMX-DR-2018-0000690	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
1668	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra	
1669	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra	

	M	N	O	P
1651		KMXV03.3UJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1652		GHYXV02.01M2	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1653		HKMXT02.44N5	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1654		HKMXT02.44NP	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1655		KHAXT01.5Y53	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1656		FCRXV03.65P1	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1657		ECRXJ03.65PA	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1658		FCRXJ03.65PA	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1659		GCRXT03.65P2	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1660		B5KXV2.395F1	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1661		CSKXV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1662		CSKXV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1663		CSKXV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1664		ASKXV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1665		CSKXV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1666		ASKXV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1667		KFMXT03.03DZ	2019	Exhaust Gas Recirculation (EGR) System
1668		KHYXV02.0C1E5	2019	Ignition System
1669		HHYXV02.01E5	2017	Ignition System

	Q	R	S	T	U
	Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. 1651 Kia will replace the misprinted filler caps with the right ones.			714	714
	Some 2016 model year Sonata PHEV(s) have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0445 (Evap. system large leak). According to the warranty parts investigation of the 18 evap. leak check modules(ELCM) in the troubled vehicles, all of the parts were operating perfectly in normal condition not only the appearance but the performance. It is Hyundai's assessment that ELCMs and fuel filler necks were replaced at the same time to fix the P0455 MIL. We found that the both parts were replaced in the same vehicles. The vehicles might have issue that the fuel filler cap was not secured to the filler neck because inner diameter of fuel filler neck was narrower than the spec. The fuel filler cap could be stuck in the filler neck before being sealed completely, and it could cause a large leak path. 1652 1653 Kia has received some owners comments regarding shift quality of automatic transaxles on some of the 2017MY Sportage equipped with 2.4L GDI engines. In order to improve the quality of shifts, Kia is improving the shift feel with calibration modification of the transmission. 1654 Kia has received some owners comments regarding shift quality of automatic transaxles on some of the 2017MY Sportage equipped with 2.4L GDI engines. In order to improve the quality of shifts, Kia is improving the shift feel with calibration modification of the transmission. 1655 Some plastic fuel tanks were incorrectly manufactured with insufficient adhesion around the fuel tank vapor return joint. The weld joint may fail between the fuel tank and the vapor return joint and may lead to a fuel leak. 1656 Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored. 1657 Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored. 1658 Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored. 1659 Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			1032 69077 28666 119 140335 367386 258783 142871	101 2 2 1 1460 4404 3196 248
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. 1660	6/1/2010	5/31/2011	6120	6120
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. 1661	6/1/2011	5/31/2012	6331	6331
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. 1662	6/1/2011	5/31/2012	6331	6331
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. 1663	6/1/2011	5/31/2012	6331	6331
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. 1664	10/13/2009	5/31/2010	6807	6807
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. 1665	6/1/2011	5/31/2012	6331	6331
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. 1666	10/13/2009	5/31/2010	6807	6807
	1667 Some 2018-19 model year 3.0L F-150 Diesel vehicles were built with a bypass valve flap within the EGR module that may become detached when screws back out. This can result in loss of EGR cooling and control. 1668 Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the igni 1669 Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the igni			22 132260 243747	22 146 13312

	A	B	C	D	E	F	G	H	I	J	K	L
1670	Hyundai Motor Company	HYX	Correction	Submitted	4/10/2019 15:48:11		HYX-DR-2019-0000156	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima Hybrid	
1671	Hyundai Motor Company	HYX	New Submission	Submitted	4/11/2019 14:59:55		HYX-DR-2019-0000270	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima	
1672	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX 4WD	
1673	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX FWD A-SPEC	
1674	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX AWD	
1675	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT AWD	
1676	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX 2WD	
1677	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX	
1678	FCA US LLC	CRX	New Submission	Submitted	8/22/2019 8:43:05		CRX-DR-2019-0000652	Defect Report	DR - Catalyst System			
1679	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/6/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60 AWD RED SPORT	
1680	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 AWD	
1681	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50a	
1682	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50S	
1683	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60 AWD	
1684	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 AWD	
1685	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60a	
1686	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60 AWD	
1687	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50	
1688	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50	
1689	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 AWD RED SPORT	
1690	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60 AWD RED SPORT	
1691	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
1692	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
1693	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
1694	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 AWD	

	M	N	O	P
1670		HHYXV02.0A16	2017	On-Board Diagnostic (OBD) System
1671		HHYXV01.64FF	2017	On-Board Diagnostic (OBD) System
1672		GHNV03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1673		JHNKV03.5LH3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1674		JHNKV03.5RH3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1675 9AT		JHNKV03.5RH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1676		GHNV03.56A3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1677		FHNKV03.5WA4	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
1678		FCRXV06.25P3	2015	Catalyst System
1679		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1680		GNXV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1681		GNXV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1682		GNXV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1683		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1684		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1685		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1686		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1687		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1688		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
1689		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1690		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1691		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1692		FVVXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1693		FVVXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1694		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1695	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 AWD	
1696	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
1697	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
1698	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
1699	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
1700	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1701	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1702	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:19:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1703	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1704	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1705	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1706	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:32:27		MBX-DR-2019-0000389	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1707	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini Clubman S	

	M	N	O	P
1695		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1696		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1697		BMBXV03.0U2B	2011	Exhaust Gas Recirculation (EGR) System
1698		AMBXT03.0U2B	2010	Exhaust Gas Recirculation (EGR) System
1699		AMBXT03.0U2A	2010	Exhaust Gas Recirculation (EGR) System
1700		CMBXT03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
1701		DMBXV03.0U2B	2013	Electrical Wiring, Sensor, and Actuator Systems
1702		BMBXT03.0U2A	2011	Electrical Wiring, Sensor, and Actuator Systems
1703		CMBXT03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
1704		CMBXT03.0U2B	2012	Electrical Wiring, Sensor, and Actuator Systems
1705		BMBXV03.0U2B	2011	Electrical Wiring, Sensor, and Actuator Systems
1706		EMBXV01.8U2A	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1707		ABMXV01.6LER	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
1695	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
1696	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8208	8208
1697	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>			3438	294
1698	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>			2830	27
1699	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>			2767	57
1700	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerinst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			6697	5
1701	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerinst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			2235	0
1702	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerinst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			3882	116
1703	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerinst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			1039	0
1704	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerinst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			7218	15
1705	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerinst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			3440	1
1706	On certain vehicles with a 4 cylinder gasoline engine, the high pressure pump could fail due to wear of mechanical components. Wear may cause reduced fuel pressure, which would lead to an illumination of the Malfunction Indicator Lamp (MIL) and activation of limp home mode with torque limitation. This prompts drivers to immediately visit a servicing dealer. Subsequently, heating o			44887	1401
1707	<p>The affected part number 13517588679 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	8/31/2009	7/30/2010	18482	5452

	A	B	C	D	E	F	G	H	I	J	K	L
1708	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Conv	
1709	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Clubman	
1710	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	RC 300 AWD	
1711	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	SEQUOIA 2WD	
1712	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	SIENNA	
1713	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	TUNDRA 2WD FFV	
1714	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Soul	
1715	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Rio	
1716	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1717	Mercedes Benz	MBX	New Submission	Submitted	6/13/2019 5:01:53		MBX-DR-2019-0000434	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
1708		ABMKV01.6SPD	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1709		BBMKV01.6SPD	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1710		JTYKV03.5M5A	2018	Electrical Wiring, Sensor, and Actuator Systems
1711		JTYXT03.7M5W	2018	Electrical Wiring, Sensor, and Actuator Systems
1712		JTYXT03.5M5M	2018	Electrical Wiring, Sensor, and Actuator Systems
1713		JTYXT03.7M5S	2018	Electrical Wiring, Sensor, and Actuator Systems
1714		EKMKV01.6DBE	2014	Catalyst System
1715		FKMKV01.6DBE	2015	Catalyst System
1716		DMBXT03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
1717		GMBXV05.5U2A	2016	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services. Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump. Main reasons for the high-pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination). In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination. In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.	8/31/2009	7/30/2010	737	216
	The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services. Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump. Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination). In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination. In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.	7/31/2010	6/29/2011	690	321
1709	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			13996	13996
1710	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			73715	73715
1711	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			144048	144048
1712	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			41225	41225
1713	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.				
	2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire . According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP)logic could be a cause of this issue. High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires. To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.			70018	2233
	2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire . According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP)logic could be a cause of this issue. High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires. To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.			90695	2335
	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter. 1)The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2)An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.			9441	108
1716					
	The S 550 is equipped with an electrical pump in the cooling circuit that will be commanded on if there is a cabin heating request. When this pump is activated, an unintended coolant backflow through the engine radiator and an additional radiator in the wheel housing might occur. Under very low ambient temperature conditions (below 20°F) in conjunction with specific driving conditions (constantly very low engine load request) and the engine thermostat commanded closed, this possible coolant backflow leads to a temperature drop in the engine cooling circuit. The OBD thermostat monitor, which compares the measured coolant temperature with a modelled target value, misinterprets this coolant backflow as a stuck open thermostat because the actual coolant temperature is significantly lower than expected. The MIL will falsely illuminate if this scenario happens in 2 consecutive engine warm-up cycles in which the OBD-related thermostat monitor is running.				
1717					14491

	A	B	C	D	E	F	G	H	I	J	K	L
1718	Mercedes Benz	MBX	New Submission	Submitted	6/13/2019 5:01:53		MBX-DR-2019-0000434	Defect Report	DR - On-Board Diagnostic (OBD) System			
1719	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 10:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
1720	Audi	ADX	New Submission	Submitted	2/11/2019 15:28:01		ADX-DR-2019-0000110	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	TT Coupe quattro	
1721	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
1722	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
1723	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Coupe	
1724	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	

	M	N	O	P
1718		FMBXV05.SUZ2A	2015	On-Board Diagnostic (OBD) System
1719		CHRXV01.35D8	2012	Computer Related (Other than On-Board Diagnostic (OBD) System)
1720		EADXV02.03UA	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1721		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
1722		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System
1723		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System
1724		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The S550 is equipped with an electrical pump in the cooling circuit that will be commanded on if there is a cabin heating request. When this pump is activated, an unintended coolant backflow through the engine radiator and an additional radiator in the wheel housing might occur.</p> <p>Under very low ambient temperature conditions (below 20°F) in conjunction with specific driving conditions (constantly very low engine load request) and the engine thermostat commanded closed, this possible coolant backflow leads to a temperature drop in the engine cooling circuit. The OBD thermostat monitor, which compares the measured coolant temperature with a modelled target value, misinterprets this coolant backflow as a stuck open thermostat because the actual coolant temperature is significantly lower than expected. The MIL will falsely illuminate if this scenario happens in 2 consecutive engine warm-up cycles in which the OBD-related thermostat monitor is running.</p>				
1719	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P14	3/7/2011	9/27/2012	11520 5956	26 367
	<p>During an internal review, VW recognized that due to a quality slip, incorrect ECM/TCM Software Calibrations were released to the field.</p> <p>Analysis determined software list above calibrations within this report have one of the following concerns: -Mode A deactivated -TCM Software Calibrations were released to the field with Mode A concerns. -OBD Phase in - OBD Phase in requirements in MY14 might not be met -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group 4H1927158BK_10014H1927158BK_1005TCM DADV04.03UJ 4H1927158BL_10014H1927158BL_1005TCM DADV04.03UJ 02E300016C_3799 02E300016C_4012 TCM EADV02.03UA</p>				
1720				1	1
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>				
1721		2/28/2019	5/7/2019	1139	1139
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>				
1722		6/30/2017	6/29/2018	6904	6904
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>				
1723		6/30/2017	6/29/2018	6904	6904
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>				
1724		6/30/2016	6/29/2017	659	659

	A	B	C	D	E	F	G	H	I	J	K	L
1725	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
1726	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	
1727	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
1728	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	
1729	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X7 xDrive40i	
1730	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	750i xDrive	

	M	N	O	P
1725		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
1726		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
1727		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
1728		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
1729		KBMKT03.0B07	2019	On-Board Diagnostic (OBD) System
1730		LBMXJ04.4N63	2020	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
1731	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
1732	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	
1733	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
1734	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
1735	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i xDrive	
1736	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 sDrive30i	

	M	N	O	P
1731		JBMXV03.0858	2018	On-Board Diagnostic (OBD) System
1732		JBMXV03.0858	2018	On-Board Diagnostic (OBD) System
1733		LBMXV03.0858	2020	On-Board Diagnostic (OBD) System
1734		LBMXV03.0858	2020	On-Board Diagnostic (OBD) System
1735		KBMXJ02.084X	2019	On-Board Diagnostic (OBD) System
1736		KBMXJ02.084X	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
1737	BMW	BMX	New Submission	Superseded	1/29/2019 7:06:04	1/29/2019 10:30:53	BMX-DR-2019-0000014	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
1738	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	
1739	FCAUS LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica	
1740	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/14/2019 14:02:38		JLX-DR-2019-0000754	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1741	Mercedes-Benz	MBX	New Submission	Superseded	11/5/2019 10:53:37	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1742	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	SPORTAGE 4WD	
1743	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	SPORTAGE 2WD	
1744	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	
1745	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	

	M	N	O	P
1737		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1738		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System
1739		JCRXT03.65P4	2018	On-Board Diagnostic (OBD) System
1740		GLXT03.06TR	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1741		GMBXT02.1U2A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
1742		DKMXT02.44KE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1743		BKMXT02.45W5	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1744		CHYXT02.4LW5	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1745		CHYXV02.4YPC	2012	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>The affected part number 11617801943 relates to the VENTURI TO THROTTLE O-RING (PROFILE GASKET). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMW03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component VENTURI TO THROTTLE O-RING (PROFILE GASKET) is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
1737	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? If applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iLd xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	2/28/2014	6/29/2015	1505	1505
1739	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (?L1??), Chrysler Pacifica (?R1U??), Jeep Grand Cherokee (?WK??), Dodge Durango (?WD??) and 6.4L Dodge Challenger (?LA??) and Dodge Charger (?LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (?CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			51642	51642
	<p>The customer may experience Malfunction Indicator Light (MIL) illumination with Diagnostic Trouble Code (DTC) P2002, indicating low Diesel Particulate Filter (DPF) Efficiency, stored within the Engine Control Module (ECM). Unexpected high soot loading within the DPF may lead to overheating during a regeneration event which causes the ceramic internal monolith to crack.</p> <p>1740 Root cause has been determined to be an overly cautious coolant temperature set point of 50 degrees C before the monitoring routine to measure pressure drop across the DPF is activated.</p> <p>1741 The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine off within the limited ~1s</p> <p>1742 Some 2011~2016 model year Kia Sportage 2.4L may exceed the ORVR standard. According to the investigation of canister manufacturing process/subpart/production history, an analysis indicates charcoal displacement occurs because defect sponge inside the canister has short length, so displacement occurs with the combination of charcoal being tilted and short sponge length. As a c</p> <p>1743 Some 2011~2016 model year Kia Sportage 2.4L may exceed the ORVR standard. According to the investigation of canister manufacturing process/subpart/production history, an analysis indicates charcoal displacement occurs because defect sponge inside the canister has short length, so displacement occurs with the combination of charcoal being tilted and short sponge length. As a c</p>			9054 1822 6980 6858	118 0 1 2
1744	<p>Some 2010~2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			8658	1
1745	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			57416	0

	A	B	C	D	E	F	G	H	I	J	K	L
1746	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
1747	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
1748	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Veloster N	
1749	Ford Motor Company	FMX	New Submission	Submitted	9/23/2019 17:02:02		FMX-DR-2019-0000723	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1750	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC70 FWD	
1751	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
1752	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 AWD	
1753	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 CC AWD	
1754	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 AWD	

	M	N	O	P
1746		DHYXV02.41GE	2013	Electrical Wiring, Sensor, and Actuator Systems
1747		CHYXV02.4YWS	2012	Electrical Wiring, Sensor, and Actuator Systems
1748		KHYXV02.0B66	2019	Electrical Wiring, Sensor, and Actuator Systems
1749		KFMXT02.02NT	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
1750		GVVXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
1751		JVVXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
1752		JVVXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
1753		JVVXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
1754		HVVXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			159933	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			93123	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p> <p>2019 MY 2.0L Transit Connect GDI gasoline-only vehicles were built with an E85-capable calibration, and some E85-capable vehicles were built with a gasoline-only calibration.</p>			1488 16326	0 16326
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			20507	474
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			26274	169
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			26274	169
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			26274	169
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			48704	367

	A	B	C	D	E	F	G	H	I	J	K	L
1755	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 Inscription FWD	
1756	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
1757	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 FWD	
1758	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
1759	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 AWD	
1760	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 FWD	
1761	Kia Motors Corporation	KMX	New Submission	Submitted	10/21/2019 11:20:20		KMX-DR-2019-0000804	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Rio	
1762	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson 4WD	
1763	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	
1764	Audi	ADX	New Submission	Submitted	10/9/2019 7:58:40		ADX-DR-2019-0000741	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	

	M	N	O	P
1755		HVXXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
1756		FVXXV02.0S3T	2015	Air Inlet System (Including Turbo and Superchargers)
1757		KVXXJ02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
1758		LVXXJ02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
1759		JVXXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
1760		JVXXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
1761		EKXXV01.6D8E	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1762		EHYXT02.41UE	2014	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1763		BHYXT02.4LW5	2011	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1764		CADXT03.03UG	2012	Selective Catalytic Reduction System

	Q	R	S	T	U
1755	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			48704	367
1756	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			8224	914
1757	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			28588	1117
1758	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			4923	93
1759	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			2865	59
1760	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			2865	59
1761	Some 2014*2017 model year Kia Rio 1.6L vehicles have experienced a customer complaint in which certain customers smell fuel inside while they are driving in the city, especially in Stop-and-Go mode at high ambient temperature. According to the investigation, Kia has found that there is a necessity of EMS purge data optimization at the high temperature condition to improve customer satisfaction.			27701	3
1762	Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard. According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.			9735	1
1763	Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard. According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.			8295	1
1764	Complaint:-MIL on -AdBlue System Fault message appears in the instrument cluster DTCs Present:P20F4 (AdBlue Consumption Too Low) P20F5 (AdBlue Consumption Too High) P20EE (Catalyst Efficiency Fault) Components:SCR Dosing Valve Part Number ? Incorrect:3C0131113C Part Number ? Correct:4W0131113A Analysis:-Due to a parts catalog error, an incorrect SCR Dosing Valve may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the SCR dosing valve with the correct service part. 1764 -An incorrect SCR Dosing Valve will have a flow rate that is mismatched to the ECM calibration and may cause SCR-related faults			1	1

	A	B	C	D	E	F	G	H	I	J	K	L
1765	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	A3	
1766	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 8:39:31		VGA-DR-2019-0000729	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q7	
1767	Volkswagen	VWX	New Submission	Submitted	9/26/2019 8:58:19		VWX-DR-2019-0000730	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	CC	
1768	Toyota Motor Corporation	TYX	New Submission	Submitted	11/12/2019 15:51:34		TYX-DR-2019-0000939	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	CAMRY	
1769	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	10/28/2019 18:19:40		NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO FWD	
1770	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	10/28/2019 18:19:40		NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO AWD	
1771	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/15/2019 10:08:56		JLX-DR-2019-0000755	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1772	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S7	
1773	Porsche AG	PRX	New Submission	Submitted	9/25/2019 13:52:28		PRX-DR-2019-0000696	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne Turbo	
1774	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
1775	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
1776	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450HL AWD	
1777	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350 AWD	
1778	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 300	
1779	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK	
1780	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY LE/SE	
1781	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE	
1782	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER	
1783	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER LE/XLE/SE/4D	
1784	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 200	
1785	BMW	BMX	New Submission	Submitted	10/25/2019 8:18:14		BMX-DR-2019-0000854	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	13 REX	

	M	N	O	P
1765		DVWXV02.0USN	2013	Exhaust Gas Recirculation (EGR) System
1766		HVGAT03.0AUT	2017	On-Board Diagnostic (OBD) System
1767		EVWX02.03UA	2014	Air Inlet System (Including Turbo and Superchargers)
1768		LTYXV03.5M5B	2020	Drivetrain/Transmission System
1769		HN5XV03.5P7C	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
1770		GN5XV03.5G7C	2016	Heating, Ventilation, and Air Conditioning (HVAC) System
1771		HULXT03.0GTR	2017	Electrical Wiring, Sensor, and Actuator Systems
1772		GVGAV04.0NUA	2016	Electrical Wiring, Sensor, and Actuator Systems
1773		KPRXT04.0CVB	2019	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1774		HGMXT02.41S1	2017	Exhaust System (Other than EGR and Catalyst Systems)
1775		GGMX02.4199	2016	Exhaust System (Other than EGR and Catalyst Systems)
1776		KTYXT03.5P3S	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1777		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1778		KTYXV02.0MSA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1779		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1780		KTYXV02.5P3A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1781		KTYXT03.5P3S	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1782		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1783		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1784		KTYXV02.0N4A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1785		HBMXV00.613R	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1786	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
1787	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S Sport Turismo	2.9L
1788	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 Executive	3L
1789	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Gran Coupe	
1790	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
1791	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK	
1792	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD	
1793	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD TRD PRO	
1794	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 300	
1795	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 300 AWD	
1796	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE	
1797	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350L	
1798	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350L AWD	
1799	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 17:32:24		VGA-DR-2019-0000815	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	S6	
1800	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
1801	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	NX 300 AWD F SPORT	
1802	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER	
1803	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVALON XLE	
1804	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1805	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1806	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1807	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1808	FCAUS LLC	CRX	New Submission	Submitted	11/13/2019 6:53:24		CRX-DR-2019-0000940	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chrysler	Pacifica	
1809	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:20:15	5/2/2018 11:18:42	TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 2WD	
1810	Toyota Motor Corporation	TYX	New Submission	Superseded	4/30/2018 14:20:15	5/2/2018 11:18:42	TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 4WD	

	Q	R	S	T	U
	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 If applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 55d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.	6/30/2013	6/29/2014	5167	5167
1787	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
1788	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
	The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956. Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats). In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.				
1789		2/28/2014	6/29/2015	11459	963
	The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956. Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats). In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.				
1790		2/28/2014	6/29/2015	11459	963
1791	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			1676	1676
1792	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			18046	18046
1793	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			18046	18046
1794	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			1071	1071
1795	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			2344	2344
1796	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			1443	1443
1797	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			31361	31361
1798	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			31361	31361
	Complaint: MIL on Engine runs rough DTCs Present: P0332 - Knock Sensor 2, Circuit Low P0333 - Knock Sensor 2, Circuit High P0300 ? Random Misfire Detected P030% ? Misfire Detected, Cylinder(s) 1-8 Component: Engine Control Module (ECM) Software Part Number ? Production: 4G0.906.014.D V0001 4G0.906.014.D V0002 Part Number ? Analysis: 4G0.906.014.D V0001 Part Number ? Replacement 4G0.906.014.D V0002 Analysis: Refer to the attached file 7CB_VGVA04.0NUA_APPFF11_.pdf? for events and updates documented in Field fix #FF_GV4.0NUA_11_17.				
1799				1170	241
1800	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			109	109
1801	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			2344	2344
1802	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			31361	31361
1803	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			6738	6738
1804	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s			1868	0
1805	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s			6750	0
1806	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s			1	0
1807	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s			562	0
1808	Some 2017-2019 MY Chrysler Pacifica (RU) vehicles equipped with a 3.6L engine and Engine Start Stop (ESS) are having the Auxiliary Battery replaced due to electrolyte dry-out.			79381	584
	Some 2012-2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit spark knock (detonation) during light acceleration and/or uphill in hot weather (80F or higher). The Engine Control module/ECM (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition occurring.			89000	89000
1809					
	Some 2012-2014 model year Tacoma vehicles equipped with 1GR-FE engines may exhibit spark knock (detonation) during light acceleration and/or uphill in hot weather (80F or higher). The Engine Control module/ECM (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition occurring.			121000	121000
1810					

	A	B	C	D	E	F	G	H	I	J	K	L
1811	Volvo Car USA, LLC	VXX	New Submission	Superseded	5/8/2018 14:09:01	5/8/2018 14:18:11	VXX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
1812	Toyota Motor Corporation	TYX	Correction	Submitted	5/2/2018 11:18:41		TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 2WD	
1813	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RC F	
1814	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY	
1815	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 AWD	
1816	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TACOMA 4WD D-CAB V6 MT OFF-ROAD	
1817	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	NX 300h AWD	
1818	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY HYBRID XLE/SE	
1819	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	GS 350 F SPORT	
1820	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER	
1821	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	GS F	
1822	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY HYBRID XLE/SE	
1823	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	LX 570	
1824	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	LAND CRUISER WAGON 4WD	
1825	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	AVALON HYBRID	
1826	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RX 350L AWD	
1827	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER LE/XLE/SE/ATD	
1828	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY	
1829	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TUNDRA 4WD	
1830	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER	
1831	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	GS 460	
1832	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	LS 500 AWD	
1833	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	PRIUS c	
1834	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	YARIS	
1835	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TACOMA 4WD	
1836	FCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Cherokee Trailhawk 4x4	
1837	FCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Cherokee Trailhawk 4x4	
1838	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/10/2018 12:59:50		NSX-DR-2018-0000083	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	QSD	2.0L
1839	Toyota Motor Corporation	TYX	Correction	Superseded	4/30/2018 14:42:13	5/17/2018 9:45:46	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	INFINITI	Q50	
1840	Toyota Motor Corporation	TYX	Correction	Superseded	4/30/2018 14:42:13	5/17/2018 9:45:46	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 4WD	
1841	Toyota Motor Corporation	TYX	Correction	Superseded	4/30/2018 14:42:13	5/17/2018 9:45:46	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 2WD	
1842	Toyota Motor Corporation	TYX	Correction	Superseded	4/30/2018 14:42:13	5/17/2018 9:45:46	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 4WD	
1843	Toyota Motor Corporation	TYX	Correction	Superseded	4/30/2018 14:42:13	5/17/2018 9:45:46	TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 2WD	
1844	Volvo Car USA, LLC	VXX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VXX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC60 AWD	
1845	Volvo Car USA, LLC	VXX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VXX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 CC AWD	
1846	Volvo Car USA, LLC	VXX	Correction	Submitted	5/24/2018 13:22:13		VXX-DR-2018-0000105	Defect Report	DR - Hybrid Vehicle System	Volvo	XC90 AWD	
1847	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 4:36:54		MBX-DR-2018-0000147	Defect Report	DR - On-Board Diagnostic (OBD) System			
1848	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 4:36:54		MBX-DR-2018-0000147	Defect Report	DR - On-Board Diagnostic (OBD) System			
1849	BMW	BMX	New Submission	Submitted	5/28/2018 10:00:38		BMX-DR-2018-0000160	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	S35d	
1850	BMW	BMX	New Submission	Submitted	5/28/2018 10:00:38		BMX-DR-2018-0000160	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	S35d xDrive	
1851	BMW	BMX	New Submission	Submitted	5/28/2018 10:00:38		BMX-DR-2018-0000160	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	S35d	
1852	BMW	BMX	New Submission	Submitted	5/28/2018 10:00:26		BMX-DR-2018-0000162	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	S35d xDrive	
1853	Volvo Car USA, LLC	VXX	Correction	Superseded	5/8/2018 14:18:11	5/24/2018 13:22:14	VXX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
1854	Volvo Car USA, LLC	VXX	Correction	Superseded	5/8/2018 14:18:11	5/24/2018 13:22:14	VXX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
1855	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY	
1856	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	AVALON	
1857	General Motors LLC	GMX	Correction	Submitted	5/11/2018 11:49:13		GMX-DR-2018-0000190	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	C15 SILVERADO 2WD	
1858	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:04:30		MBX-DR-2018-0000118	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
1859	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
1860	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
1861	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
1862	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
1863	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
1811		GVVXT02.0P3T	2016	Drivetrain/Transmission System
1812		DTYXT04.0BEM	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1813		JTYXV05.0M5A	2018	Emission Control Information Label
1814		JTYXV03.5M5B	2018	Emission Control Information Label
1815		JTYXT02.5B6H	2018	Emission Control Information Label
1816		JTYXT03.5M5N	2018	Emission Control Information Label
1817		JTYXT02.5P3M	2018	Emission Control Information Label
1818		JTYXV02.5P33	2018	Emission Control Information Label
1819		JTYXV03.5M5A	2018	Emission Control Information Label
1820		JTYXT02.7B6N	2018	Emission Control Information Label
1821		JTYXV05.0M5A	2018	Emission Control Information Label
1822		JTYXV02.5P33	2018	Emission Control Information Label
1823		JTYXT03.7B6Y	2018	Emission Control Information Label
1824		JTYXT03.7B6Y	2018	Emission Control Information Label
1825		JTYXV02.5P34	2018	Emission Control Information Label
1826		JTYXT03.5M5M	2018	Emission Control Information Label
1827		JTYXT03.5M5M	2018	Emission Control Information Label
1828		JTYXV02.5P3A	2018	Emission Control Information Label
1829		JTYXT04.6B6W	2018	Emission Control Information Label
1830		JTYXT02.7B6N	2018	Emission Control Information Label
1831		JTYXT04.6B6X	2018	Emission Control Information Label
1832		JTYXV03.5K6A	2018	Emission Control Information Label
1833		JTYXV01.5P34	2018	Emission Control Information Label
1834		JTYXV01.5B6B	2018	Emission Control Information Label
1835		JTYXT03.5M5N	2018	Emission Control Information Label
1836		JCRXT02.45P3	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1837		JCRXT02.45P1	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1838		ONSXV02.0NJA	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1839		DTYXT04.0BEM	2013	On-Board Diagnostic (OBD) System
1840		DTYXT04.0BEM	2013	On-Board Diagnostic (OBD) System
1841		CTYXT04.0BEM	2012	On-Board Diagnostic (OBD) System
1842		CTYXT04.0BEM	2012	On-Board Diagnostic (OBD) System
1843		ETYXT04.0BEM	2014	On-Board Diagnostic (OBD) System
1844		JVXXJ02.0B70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1845		JVXXJ02.0B70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1846		HVVXT02.0P3T	2017	Hybrid Vehicle System
1847		GMBXV02.0U2A	2016	On-Board Diagnostic (OBD) System
1848		HMBXT02.0U2A	2017	On-Board Diagnostic (OBD) System
1849		FBMXV03.0N57	2015	Exhaust System (Other than EGR and Catalyst Systems)
1850		EBMXV03.0N57	2014	Exhaust System (Other than EGR and Catalyst Systems)
1851		EBMXV03.0N57	2014	Exhaust System (Other than EGR and Catalyst Systems)
1852		FBMXV03.0N57	2015	Exhaust System (Other than EGR and Catalyst Systems)
1853		GVVXT02.0P3T	2016	Drivetrain/Transmission System
1854		HVVXT02.0P3T	2017	Drivetrain/Transmission System
1855		JTYXV03.5M5B	2018	Emission Control Information Label
1856		JTYXV03.5B6C	2018	Emission Control Information Label
1857		JGAXXT04.119T	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1858		HMBXV04.0U2A	2017	Exhaust System (Other than EGR and Catalyst Systems)
1859		HMBXJ02.0U2B	2017	On-Board Diagnostic (OBD) System
1860		GMBXV03.0U2B	2016	On-Board Diagnostic (OBD) System
1861		HMBXV03.0U2A	2017	On-Board Diagnostic (OBD) System
1862		HMBXT03.0U2B	2017	On-Board Diagnostic (OBD) System
1863		HMBXV03.0U2A	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
1864	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:36		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
1865	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:34:44		MBX-DR-2018-0000119	Defect Report	DR - On-Board Diagnostic (OBD) System			
1866	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1867	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/11/2018 9:42:07		VGA-DR-2018-0000123	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R8	
1868	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/1/2018 15:51:21		VGA-DR-2018-0000173	Defect Report	DR - Emission Control Information Label	Volkswagen	GolfSportWagen 4Motion	
1869	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	6/1/2018 16:29:17		HMX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	PILOT 2WD	3.5
1870	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	6/1/2018 16:29:17		HMX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Acura	TSX	2.4
1871	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/12/2018 15:22:05		NSX-DR-2018-0000194	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA NISMO	1.6L
1872	American Honda Motor Co., Inc.	HMX	New Submission	Superseded	6/15/2018 13:57:03	6/15/2018 15:38:42	HMX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
1873	American Honda Motor Co., Inc.	HMX	New Submission	Superseded	6/15/2018 13:57:03	6/15/2018 15:38:42	HMX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
1874	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	BEETLE	
1875	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
1876	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	BEETLE CONVERTIBLE	
1877	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	BEETLE	

	M	N	O	P
1864		HMBX02.0U2C	2017	On-Board Diagnostic (OBD) System
1865		DNBKV05.5U2A	2013	On-Board Diagnostic (OBD) System
1866		EMBT03.0U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
1867		JVGAV05.2NBE	2018	On-Board Diagnostic (OBD) System
1868		JVGAV02.0APA	2018	Emission Control Information Label
1869		FHNXV03.5GA3	2015	Emission Control Information Label
1870		DHNXV02.4DB3	2013	Emission Control Information Label
1871		JNSXV01.6NDA	2018	On-Board Diagnostic (OBD) System
1872		EHNXV02.44B3	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1873		DHNXV02.4FB3	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
1874		DVWXV02.0BSF	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
1875		EVWXV02.0BSF	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1876		EVWXV02.03PA	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1877		EVWXV02.03PA	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)

		Q	R	S	T	U
1864	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t				5469	0
1865	Daimler AG has determined that on certain E- and G-Class as well as ML, GL and CLS vehicles (212, 463, 366, 216 platforms) with 8-cylinder gasoline engine M157 the software in the engine control module may not meet the internal specifications. In this case, OBD-relevant fault codes of the fuel temperature sensor and pressure sensor for the tank leak diagnosis that are stored in the fue				407	0
Daimler AG has determined that the soot particulate sensor could fail due to the following root causes: Root Cause A: Particles on the sensor element resulting from the manufacturing process. Root Cause B: Flaking of the electrode due to insufficient evaporation of humidity inside the sensor element. Both root causes lead to an electrical failure of the soot particulate sensor. In case of failure the Malfunction Indicator Lamp (MIL) is illuminated.					9818	1055
1866	Component: Transmission Control Module Software Production TCM Software / Version: MY15- 420927155G/J/L MY16-18: 420927155A/C/E/G/L/ N/Q Analysis: Due to software error, certain DTCs for TCM could not be erased from SCAN Tool Mode\$0A for Model Year 2015 through 2018 Audi R8 4.2L and R8 5.2L automatic transmission vehicles Possible DTCs observed: P2845 (Shift Fork "A" Position Sensor Incorrect Neutral Position Indicated) P2846 (Shift Fork "B" Position Sensor Incorrect Neutral Position Indicated) P3847 (Shift Fork "C" Position Sensor Incorrect Neutral Position Indicated) P2848 (Shift Fork "D" Position Sensor Incorrect Neutral Position Indicated) P073F (Unable to Engage Gear 1) P074A (Unable to Engage Gear 2) P074B (Unable to Engage Gear 3) P074C (Unable to Engage Gear 4) P074D (Unable to Engage Gear 5) P074E (Unable to Engage Gear 6) P074F (Unable to Engage Gear 7) P073E (Unable to Engage Reverse) P072C (Stuck in Gear 1) P072D (Stuck in Gear 2) P072E (Stuck in Gear 3) P072F (Stuck in Gear 4) P073A (Stuck in Gear 5) P073B (Stuck in Gear 6) P073C (Stuck in Gear 7)				592	592
Component: Vehicle Emission Certification Information Labels (VEC) Atlas - Emission Control Labels included a "Zero EVAP" statement which is not relevant for 2018, LEVIII. Production Part Number: 03H 010 005 L Replacement Part Number: 03H 010 005 P Golf- Emission Control Label were printed with the incorrect EVAP Group Production Part Number: 06K 010 005 AK Replacement Part Number: 06K 010 005 BE					13656	13656
1869	Some vehicles were falsely repaired during service repair with the incorrect Vehicle Emission Control Information label.	6/2/2014	5/18/2015		2	0
1870	Some vehicles were falsely repaired during service repair with the incorrect Vehicle Emission Control Information label.	9/8/2012	7/31/2013		15	0
1871	On some 2018 Nissan Sentra Turbo vehicles (1.6L engine), in the rare event that a Multi-Way Control Valve (MCV) error occurs, the OBD system may not be able to clear the resultant P26A3 permanent DTC when the MCV valve is replaced. In trying to clear a previous MY17 deficiency for passing logic, the resultant MY18 logic was i	9/18/2017	2/8/2018		853	0
1872	Due to inappropriate calibration of the PCM, when a large amount of contamination adheres to the throttle body bore, the throttle valve may become stuck at the full closed position and the vehicle won't start. The MIL illuminates P2101 for "Throttle Actuator System Malfunction".	8/16/2013	8/14/2014		180951	64
1873	Due to inappropriate calibration of the PCM, when a large amount of contamination adheres to the throttle body bore, the throttle valve may become stuck at the full closed position and the vehicle won't start. The MIL illuminates P2101 for "Throttle Actuator System Malfunction".	7/31/2012	8/21/2013		172698	165
Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA) The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18 -Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers. Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function					2180	2180
1874	Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA) The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18 -Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers. Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function				46035	46035
1875	Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA) The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18 -Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers. Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function				119248	119248
1876	Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA) The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18 -Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers. Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function				119248	119248
1877	Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA) The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18 -Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers. Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function				119248	119248

	A	B	C	D	E	F	G	H	I	J	K	L
1878	General Motors LLC	GMX	New Submission	Submitted	6/15/2018 15:02:41		GMX-DR-2018-0000182	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Chevrolet	EQUINOX	
1879	Jaguar Cars Limited	JCX	New Submission	Submitted	6/18/2018 9:36:20		JCX-DR-2018-0000211	Defect Report	DR - Catalyst System			
1880	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/14/2018 13:48:21		JLX-DR-2018-0000188	Defect Report	DR - Catalyst System			
1881	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li	
1882	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
1883	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Gran Coupe	
1884	PCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Jeep	Cherokee Trailhawk 4x4	
1885	PCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Jeep	Renegade 4x4	2.4L
1886	Porsche AG	PRX	New Submission	Superseded	6/4/2018 13:25:39	6/4/2018 13:30:04	PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
1887	General Motors LLC	GMX	New Submission	Submitted	6/4/2018 16:43:05		GMX-DR-2018-0000174	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	GMC	ACADIA AWD	
1888	General Motors LLC	GMX	New Submission	Submitted	6/4/2018 16:43:05		GMX-DR-2018-0000174	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Cadillac	ATS	
1889	General Motors LLC	GMX	New Submission	Submitted	6/4/2018 16:43:05		GMX-DR-2018-0000174	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Chevrolet	MALIBU	
1890	Porsche AG	PRX	New Submission	Submitted	6/21/2018 14:02:47		PRX-DR-2018-0000229	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman S	2.5
1891	Porsche AG	PRX	New Submission	Submitted	6/21/2018 14:02:47		PRX-DR-2018-0000229	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman	2.0
1892	Porsche AG	PRX	New Submission	Submitted	6/21/2018 14:02:47		PRX-DR-2018-0000229	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster S	2.5
1893	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster S	2.5
1894	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo S	3.8L
1895	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4 GT5	3.8L
1896	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 GT3	3.8L
1897	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera S Cabriolet	3.8L

	M	N	O	P
1878		JGMXJ01.6356	2018	Exhaust System (Other than EGR and Catalyst Systems)
1879		DJCKXV03.0FSM	2013	Catalyst System
1880		EJLXV02.0FTN	2014	Catalyst System
1881		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1882		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1883		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1884		JCRXT02.4SP3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1885		JCRXT02.4SP3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1886 Automatic		GPRXT03.0CDD	2016	Exhaust Gas Recirculation (EGR) System
1887		JGMXT02.5201	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1888		JGMXV02.0031	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1889		JGMXV02.0031	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1890 Automatic and Manual.		HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems
1891 Automatic and Manual		HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems
1892 Automatic and Manual		HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems
1893 Manual, Automatic		HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems
1894 Automatic.		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1895 Automatic and Manual.		FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1896 Automatic.		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1897 Automatic and Manual.		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
1898	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S Cabriolet	3.8L
1899	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera GTS Cabriolet	3.8L
1900	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
1901	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
1902	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
1903	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 AWD	
1904	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	

	M	N	O	P
1899	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1899	Automatic and Manual.	EPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1900		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1901		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1902		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1903		GVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1904		GVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>1890 Wax element defective.</p>	6/4/2013	5/20/2014	10574	60
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>1890 Wax element defective.</p>			9799	36
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1900</p>			25226	25226
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1901</p>			25226	25226
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1902</p>			8211	8211
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1903</p>			15300	15300
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>1904</p>			15300	15300

	A	B	C	D	E	F	G	H	I	J	K	L
1905	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
1906	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
1907	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
1908	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 CC FWD	
1909	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
1910	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 AWD	

	M	N	O	P
1905		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1906		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1907		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1908		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1909		GVVXX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1910		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
1905	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
1906	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
1907	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
1908	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
1909	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
1910	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33971	33971

	A	B	C	D	E	F	G	H	I	J	K	L
1911	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 PWD	
1912	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 PWD	
1913	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster S	2.5
1914	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4 GTS Cabriolet	3.0 l
1915	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Targa 4	3.0 l
1916	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera Cabriolet	3.0 l
1917	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera S Cabriolet	3.8l
1918	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo Cabriolet	3.8l
1919	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Turbo S Cabriolet	3.8l

	M	N	O	P
1911		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1912		GVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1913	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
1914	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1915	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1916	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1917	Automatic and Manual.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1918	Automatic.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1919	Automatic.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8211	8211
1911					
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
1912					
	<p>7 pre catalyst oxygen sensors (pn 9A280618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU.</p> <p>7 Part are being replaced due to defective ceramic elements</p> <p>1913 7 Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	86
1913					
	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>1914 Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
1914					
	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>1915 Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
1915					
	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>1916 Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
1916					
	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>1917 It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
1917					
	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>1918 It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
1918					
	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>1919 It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
1919					

	A	B	C	D	E	F	G	H	I	J	K	L
1920	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera S	3.8L
1921	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Cayman S	3.4L
1922	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4	3.4L
1923	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4S Cabriolet	3.8L
1924	Porsche AG	PRX	New Submission	Submitted	6/27/2018 15:40:19		PRX-DR-2018-0000252	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Porsche	Macan S	3.0L
1925	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo	3.8L
1926	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S	3.8L
1927	BMW	BMX	New Submission	Submitted	7/2/2018 2:53:25		BMX-DR-2018-0000242	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	

	M	N	O	P
1920	Automatic and Manual.	EPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1921	Automatic and Manual.	EPRXV03.4B81	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1922	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1923	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1924	Automatic	FPRXT03.6MCS	2015	Air Inlet System (Including Turbo and Superchargers)
1925	Automatic	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1926	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1927		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. 1920 It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			9799	78
	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. 1921 It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			5107	59
	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. 1922 It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
	High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored. 1923 It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.			10574	96
	Throttle body hoses (part numbers 95B145832A, 95B145832B and 95B145832C) are being replaced in the field for illuminating the MIL and partial loss of engine power. Fault P0299 is usually stored. The boot becomes dislodged from the throttle body, causing an air leak. 1924 Analysis found that it was improper assembly at the factory was the cause. The boot and assembly process were changed to make assembly easier and more secure.	3/5/2014	5/20/2015	12718	37
	? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action. ? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381(Bank1) / P1382(Bank2); comparison of closed loop regulator differences between cylinder banks during small and large lift) is set. 1925 ? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.	6/6/2013	5/27/2014	10574	47
	? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action. ? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381(Bank1) / P1382(Bank2); comparison of closed loop regulator differences between cylinder banks during small and large lift) is set. 1926 ? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.	6/6/2013	5/27/2014	10574	47
	The affected part number 11618507335 relates to the INTAKE MANIFOLD GASKET. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX703.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the 1927 component INTAKE MANIFOLD GASKET is/was working properly and has/had no malfunction.	7/31/2014	6/30/2015	7396	933

	A	B	C	D	E	F	G	H	I	J	K	L
1928	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750Li	
1929	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Gran Coupe	
1930	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB	
1931	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i Gran Turismo	
1932	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata	
1933	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima	
1934	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G80 RWD	
1935	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 AWD	
1936	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	GENESIS	G90 RWD	
1937	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 2WD	
1938	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 F SPORT	
1939	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA	
1940	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	

	M	N	O	P
1928		DBMXV04.4N63	2013	Crankcase Ventilation System
1929		DBMXV04.4N63	2013	Crankcase Ventilation System
1930		EBMXV04.4N63	2014	Crankcase Ventilation System
1931		EBMXV04.4N63	2014	Crankcase Ventilation System
1932		JHYXV02.4AJ5	2018	Emission Control Information Label
1933		JHYXV02.4AJ5	2018	Emission Control Information Label
1934		JHYXV03.31Y6	2018	Emission Control Information Label
1935		JHYXV03.31MF	2018	Emission Control Information Label
1936		JHYXV03.31MF	2018	Emission Control Information Label
1937		GTXT03.5MEM	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1938		GTXXV03.5MEA	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1939		HTXT03.5MSM	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1940		GTXXV03.5MEA	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
1920	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
1929	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
1930	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
1931	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
1932	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			65928	234
1933	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			65928	234
1934	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			4108	80
1935	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			1190	40
1936	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Hyundai will replace the misprinted filler caps with the right ones.</p>			1190	40
1937	<p>Customer may experience a chirping noise coming from the high-pressure fuel pump. Sound may be most noticeable during hot idle.</p>			151604	151604
1938	<p>Customer may experience a chirping noise coming from the high-pressure fuel pump. Sound may be most noticeable during hot idle.</p>			10438	10438
1939	<p>Customer may experience a chirping noise coming from the high-pressure fuel pump. Sound may be most noticeable during hot idle.</p>			468213	468213
1940	<p>Customer may experience a chirping noise coming from the high-pressure fuel pump. Sound may be most noticeable during hot idle.</p>			10438	10438

	A	B	C	D	E	F	G	H	I	J	K	L
1941	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
1942	BMW	BMX	New Submission	Submitted	7/2/2018 3:25:44		BMX-DR-2018-0000248	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X3 xDrive 35d	
1943	BMW	BMX	New Submission	Submitted	7/2/2018 3:46:45		BMX-DR-2018-0000253	Defect Report	DR - Diesel Particulate Filter System	BMW	X3 xDrive28d	
1944	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i Convertible	
1945	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	740i xDrive	
1946	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/2/2018 13:44:28		JLX-DR-2018-0000262	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
1947	Volkswagen	VWX	New Submission	Submitted	7/2/2018 15:26:15		VWX-DR-2018-0000267	Defect Report	DR - Catalyst System	Volkswagen	TOUAREG	
1948	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i	

	M	N	O	P
1941		JTYXV03.5M58	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1942		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1943		GBMXT02.0N47	2016	Diesel Particulate Filter System
1944		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1945		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1946		EJLXT02.0FTP	2014	Air Inlet System (Including Turbo and Superchargers)
1947		EVWXT03.6U76	2014	Catalyst System
1948		DBMXV04.4N63	2013	Crankcase Ventilation System

	Q	R	S	T	U
1941	Customer may experience a chirping noise coming from the high-pressure fuel pump. Sound may be most noticeable during hot idle.			22035	22035
	<p>The affected part number 13538506547 relates to the HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR).</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBWXT03.0N57, BMW decided a warranty extension to full useful life (10 years / 120,000mi). Please see corresponding EDIR-OF-N57/N47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR) is/was working properly and has/had no malfunction.</p>	7/31/2014	6/30/2015	7396	933
	<p>The affected part number 13628582023 relates to the component PM sensor. Component with part number 13628582023 is an improved / more robust PM sensor which has been used in production and as spare part in service (whenever component with part number 13628517184 built in production by 10/2015 or component with part number 13628582023 built afterwards has to be replaced) since 10/2015.</p> <p>Analysis has shown that in 98% of all cases the component PM sensor has been replaced correctly due to OBD system triggered fault code and MIL illumination. Main reason for a malfunction of the sensor has been a harmed protection layer of the sensor. This malfunction applies in general to component with part number 13628517184 as built in production by 10/2015. Component with part number 13628582023 assembled since 10/2015 itself is robust, have/had in general no malfunctions and are/were working properly.</p> <p>1943 The analyses for component PM sensor therefore applies to part number 13628517184 instead of part number 13628582023.</p>	3/31/2015	3/30/2016	1693	850
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>1944 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/6/2018	1175	1175
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>1945 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/6/2018	810	810
	<p>A customer may report the malfunction indicator lamp (MIL) is illuminated, lack of power and sometimes noise coming from the engine bay. The stored diagnostic trouble code (DTC) points to "turbocharger under-boost" which results from a failure of the Turbo-Exhaust Manifold.</p> <p>1946 Jaguar Land Rover introduced a brazed scroll manifold which at high time in service is starting to disintegrate. The root cause being a combination of thermal fatigue and vibrations which will make the joints loose.</p>			6887	2961
	<p>Customer Complaint: MIL on, vibration, and engine compartment noise</p> <p>Component: Catalytic Converter Support Bracket</p> <p>Production Part Number (Catalyst): 7P0 254 301 CX</p> <p>Part analysis reflects part number: 7P0 254 301 CX</p> <p>Due to improper positioning of a welding tool, the weld load-bearing cross-section could be too thin; which could lead to a crack in the Catalytic Converter support bracket to crack. This condition is specific to the catalyst support bracket on the passenger side of vehicle only, cylinders 4-6. Prior to this improvement, catalytic converter replacements were consequentially replaced due to the bracket concern described above.</p>			4894	4894
1948	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before.</p> <p>Analysis has shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	6/30/2012	5/31/2013	39763	2400

	A	B	C	D	E	F	G	H	I	J	K	L
1949	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB	
1950	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
1951	Hyundai Motor Company	HYX	Correction	Superseded	7/5/2018 17:04:33	10/9/2018 10:26:38	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	VELOSTER	
1952	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS	
1953	Mercedes Benz	MBX	New Submission	Submitted	7/20/2018 9:56:00		MBX-DR-2018-0000321	Defect Report	DR - On-Board Diagnostic (OBD) System			
1954	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	
1955	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	
1956	Porsche AG	PRX	New Submission	Submitted	7/17/2018 11:14:25		PRX-DR-2018-0000302	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Macan	
1957	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Boxster S	3.4L
1958	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:34:53		GMX-DR-2018-0000325	Defect Report	DR - Hybrid Vehicle System			
1959	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:34:53		GMX-DR-2018-0000325	Defect Report	DR - Hybrid Vehicle System			
1960	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Cadillac	ATS	
1961	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	TERRAIN AWD	
1962	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8

	M	N	O	P
1949		EBMXV04.4N63	2014	Crankcase Ventilation System
1950		CMBXV03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
1951		DHYXV01.61CE	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
1952		HTYXV01.8P33	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1953		JMBXV03.0U2A	2018	On-Board Diagnostic (OBD) System
1954		GCRXJ01.45P0	2016	On-Board Diagnostic (OBD) System
1955		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
1956		HPRXJ02.0MR4	2017	Electrical Wiring, Sensor, and Actuator Systems
1957	Automatic and manual.	EPRXV03.48B1	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1958		FGMXV01.40B8	2015	Hybrid Vehicle System
1959		FGMXV01.4002	2015	Hybrid Vehicle System
1960		JGMXV02.0031	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1961		JGMXT01.5095	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
1962		HNSXV01.8R1A	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
1963	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA FE+	1.8
1964	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
1965	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE FWD	2.5
1966	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE AWD	2.5
1967	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5
1968	Porsche AG	PRX	New Submission	Submitted	7/16/2018 9:09:08		PRX-DR-2018-0000311	Defect Report	DR - Ignition System	Porsche	Macan S	3.0L
1969	Porsche AG	PRX	New Submission	Submitted	7/18/2018 9:54:56		PRX-DR-2018-0000312	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Cayenne S	3.0L
1970	Porsche AG	PRX	New Submission	Submitted	7/18/2018 9:54:56		PRX-DR-2018-0000312	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Macan S	3.0L
1971	Porsche AG	PRX	New Submission	Submitted	7/18/2018 9:54:56		PRX-DR-2018-0000312	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Cayenne GTS	3.0L
1972	Porsche AG	PRX	New Submission	Submitted	7/18/2018 10:43:11		PRX-DR-2018-0000313	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne S	4.8L
1973	Porsche AG	PRX	New Submission	Superseded	7/18/2018 13:45:52	8/16/2018 8:59:10	PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4	3.0L
1974	Porsche AG	PRX	New Submission	Superseded	7/18/2018 13:45:52	8/16/2018 8:59:10	PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4S	2.9L

	M	N	O	P
1963		DN5XV01.8G1A	2013	On-Board Diagnostic (OBD) System
1964		DN5XV01.8G1A	2013	On-Board Diagnostic (OBD) System
1965		GN5XT02.5G5D	2016	On-Board Diagnostic (OBD) System
1966		GN5XT02.5G5B	2016	On-Board Diagnostic (OBD) System
1967		GN5XW02.53DA	2016	On-Board Diagnostic (OBD) System
1968 Automatic		GPRXT03.6MCS	2016	Ignition System
1969 Automatic		GPRXT03.6MCS	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1970 Automatic		FPRXT03.6MCS	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1971 Automatic		GPRXT03.6MCS	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1972 Automatic		EPRXT04.8CSD	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1973 Automatic		HPRXV03.OPV6	2017	Electrical Wiring, Sensor, and Actuator Systems
1974 Automatic		HPRXV03.OPV6	2017	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.				
1963	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			5383	41
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.				
1964	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			5383	41
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.				
1965	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			7009	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.				
1966	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			1334	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.				
1967	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			1869	0
1968	Spark plugs (Part Number 99917023390) are being replaced in the field for illuminating the MIL. Misfire codes are usually stored, which prompts immediate customer action.			14252	26
1969	High Pressure Fuel Pumps (part number 94611031561) are being replaced in the field for illuminating the MIL or a ticking noise, prompting immediate customer action. Most frequent DTCs set are P1021, P1023 and P1026.			14252	67
1970	High Pressure Fuel Pumps (part number 94611031561) are being replaced in the field for illuminating the MIL or a ticking noise, prompting immediate customer action. Most frequent DTCs set are P1021, P1023 and P1026.	3/13/2014	5/22/2015	12718	62
1971	High Pressure Fuel Pumps (part number 94611031561) are being replaced in the field for illuminating the MIL or a ticking noise, prompting immediate customer action. Most frequent DTCs set are P1021, P1023 and P1026.			14252	67
1972	Oil line restrictors are being replaced in the field for MIL illumination. Fault codes most frequently stored are P1372 for valve lift and P000A, P000C camshaft slow response for bank 1 and bank 2, respectively.	6/10/2013	5/28/2014	4166	80
	Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200- "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean" Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.				
1973	Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software was changed.			3107	261
	Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200- "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean" Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.				
1974	Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software was changed.			3107	261

	A	B	C	D	E	F	G	H	I	J	K	L
1975	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 450h	
1976	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 AWD	
1977	Porsche AG	PRX	New Submission	Submitted	7/18/2018 15:48:26		PRX-DR-2018-0000318	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne	3.6L
1978	Porsche AG	PRX	New Submission	Submitted	7/19/2018 11:43:52		PRX-DR-2018-0000319	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 GT3	3.8L
1979	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/27/2018 14:30:36		JLX-DR-2018-0000357	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
1980	Hyundai Motor Company	HYX	New Submission	Submitted	7/27/2018 16:46:13		HYX-DR-2018-0000361	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	HYUNDAI	Sonata LIMITED	
1981	Hyundai Motor Company	HYX	New Submission	Submitted	7/27/2018 16:46:13		HYX-DR-2018-0000361	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	HYUNDAI	Sonata	
1982	Kia Motors Corporation	KMX	New Submission	Submitted	7/27/2018 17:26:29		KMX-DR-2018-0000362	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento FWD	
1983	Audi	ADX	New Submission	Submitted	8/3/2018 13:33:00		ADX-DR-2018-0000376	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	ABL	
1984	General Motors LLC	GMX	New Submission	Submitted	8/8/2018 18:43:34		GMX-DR-2018-0000364	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
1985	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 14:47:19		NSX-DR-2018-0000384	Defect Report	DR - Emission Control Information Label	NISSAN	Rogue Sport	
1986	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 14:47:19		NSX-DR-2018-0000384	Defect Report	DR - Emission Control Information Label	NISSAN	Kicks	
1987	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:27:17		PRX-DR-2018-0000371	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne	3.6L
1988	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:41:10		PRX-DR-2018-0000372	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne Platinum	3.6L
1989	Porsche AG	PRX	Correction	Submitted	8/2/2018 14:12:27		PRX-DR-2018-0000373	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne	3.6L

	M	N	O	P
1975		BTYXV03.5CC4	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1976		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1977	Automatic.	EPRXT03.6CBO	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1978	Automatic.	FPRXV04.0C91	2015	Electrical Wiring, Sensor, and Actuator Systems
1979		EILXV05.0FAM	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
1980		FHYXV02.01HE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1981		FHYXV02.41JE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1982		FKMXV02.44PE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1983		EADXV04.03UJ	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1984		GGMYT05.3384	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1985		JNSXV02.0PMA	2018	Emission Control Information Label
1986		JNSXV01.6RNA	2018	Emission Control Information Label
1987	Automatic and Manual	EPRXT03.6CBO	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
1988	Automatic.	JPRXT03.6PV6	2018	Electrical Wiring, Sensor, and Actuator Systems
1989	Automatic and Manual.	EPRXT03.6CBO	2014	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
1990	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	650i xDrive Coupe	
1991	BMW	BMX	New Submission	Submitted	8/8/2018 4:04:09		BMX-DR-2018-0000381	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
1992	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h	
1993	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	SEQUOIA 4WD FFV	
1994	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TUNDRA 2WD FFV	
1995	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350	
1996	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h AWD	
1997	Porsche AG	PRX	Correction	Submitted	8/16/2018 8:59:10		PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4	3.0L
1998	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
1999	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
2000	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	

	M	N	O	P
1990		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
1991		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1992		GTXXV03.5PC4	2016	Heating, Ventilation, and Air Conditioning (HVAC) System
1993		HTYXT05.7XE8	2017	On-Board Diagnostic (OBD) System
1994		GTYXT05.7XE8	2016	On-Board Diagnostic (OBD) System
1995		JTYXT03.5M5M	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
1996		JTYXT03.SP34	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
1997	Automatic	HPRXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
1998		BTYXV03.5BEB	2008	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
1999		7TYXV03.5BEB	2007	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2000		DTYXV03.5BEB	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions:</p> <p>a) Contamination of the oxygen sensor (Baron is dispered from the boron nitride disk)</p> <p>b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics</p> <p>c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor</p> <p>All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.</p>				
1990		2/28/2013	5/31/2014	15275	1833
	<p>The affected part number 13538508084 relates to the FUEL FEED LINE (TO HIGH PRESSURE PUMP).</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX703.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/U47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL FEED LINE (TO HIGH PRESSURE PUMP) is/was working properly and has/had no malfunction.</p> <p>1992 Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.</p> <p>1993 Vehicles equipped with a 3UR-FBE flex fuel engine may experience a MIL 70N77 condition with DTCs: P0171 (System Too Lean Bank 1), P0172 (System Too Rich Bank 1), P0174 (System Too Lean Bank 2), P0175 (System Too Rich Bank 2), P1604 (Start Failure Determination) and/or extended cranking. This condition is caused by fuel pressure below specification.</p> <p>1994 Vehicles equipped with a 3UR-FBE flex fuel engine may experience a MIL 70N77 condition with DTCs: P0171 (System Too Lean Bank 1), P0172 (System Too Rich Bank 1), P0174 (System Too Lean Bank 2), P0175 (System Too Rich Bank 2), P1604 (Start Failure Determination) and/or extended cranking. This condition is caused by fuel pressure below specification.</p> <p>1995 Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.</p> <p>1996 Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.</p>	7/31/2014	6/30/2015	7396	868
				7482	7482
				68778	68778
				69604	69604
				28781	28781
				3582	3582
	<p>Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200: "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean"</p> <p>Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.</p> <p>1997 Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software for the 3.0L version was changed.</p>	10/10/2016	6/13/2017	3107	261
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			23953	23953
1998					
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			34067	34067
1999					
	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			1403	1403
2000					

	A	B	C	D	E	F	G	H	I	J	K	L
2001	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
2002	Ford Motor Company	FMX	New Submission	Submitted	8/17/2018 11:01:27		FMX-DR-2018-0000360	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2003	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Turbo S Cabriolet	3.8L
2004	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Targa 4	3.4L
2005	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera 4S Cabriolet	3.8L
2006	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Turbo	3.8L
2007	Porsche AG	PRX	New Submission	Submitted	8/31/2018 9:22:28		PRX-DR-2018-0000524	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne GTS	4.8L
2008	Porsche AG	PRX	New Submission	Submitted	8/31/2018 9:22:28		PRX-DR-2018-0000524	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne Turbo	4.8L

	M	N	O	P
2001		7TYXV03.5BEB	2007	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2002		JFMXT03.54JK	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2003	Automatic.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
2004	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
2005	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
2006	Automatic.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
2007	Automatic.	EPRXT04.8CSD	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2008	Automatic	GPRT04.8CTD	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
2009	Volvo Car USA, LLC	VXX	New Submission	Submitted	9/5/2018 11:50:15		VXX-DR-2018-0000534	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
2010	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X2 xDrive28i	
2011	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X2 sDrive28i	
2012	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i Gran Coupe	
2013	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i xDrive Convertible	
2014	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S CLUBMAN ALL4	

	M	N	O	P
2009		JVXV02.0P30	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2010		JBMXV02.0B46	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2011		JBMXV02.0B46	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2012		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2013		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2014		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>The cooling circuit for the electric drivetrain (PHEV), maintains a controlled operating temperature for the following electrical components thru the low temperature cooling circuit:</p> <p>? Inverter Electric Rear Axle Drive Module (IEM). ? Electric Rear Axle Drive (ERAD). ? On-Board Charger Module (OBC). ? Inverter Generator Module (IGM).</p> <p>The electric drivetrain coolant thermostat (ED), within the low temperature cooling circuit, is a typical wax thermostat, and controls coolant flow to the Hybrid drive radiator (Unit has separate radiator).</p> <p>Initial analysis of returned coolant thermostats indicate wax leakage from within the copper capsule/bulb. Failures of this type result in closed thermostat condition.</p>				
2009				318	318
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/6/2018	2424	2424
2010					
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/6/2018	2424	2424
2011					
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/6/2018	810	810
2012					
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/6/2018	810	810
2013					
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/20/2018	6/11/2018	2047	2047
2014					

	A	B	C	D	E	F	G	H	I	J	K	L
2015	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S HARDTOP 4 DOOR	
2016	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JOHN COOPER WORKS CLUBMAN ALL4	
2017	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JOHN COOPER WORKS CONVERTIBLE	
2018	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i Convertible	
2019	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	530i xDrive	
2020	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	340i xDrive	
2021	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	340i xDrive Gran Turismo	

	M	N	O	P
2015		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2016		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2017		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2018		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2019		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2020		JBMXV03.0B58	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2021		JBMXV03.0B58	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2022	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
2023	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
2024	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
2025	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	SEQUOIA 4WD FFV	
2026	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	SEQUOIA 4WD	
2027	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	TUNDRA 2WD	
2028	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	SEQUOIA 4WD	
2029	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	TUNDRA 4WD	
2030	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740i xDrive	
2031	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	M550i xDrive	
2032	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	540i	
2033	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
2034	Kia Motors Corporation	KMX	New Submission	Superseded	9/4/2018 13:14:21	9/18/2018 14:29:35	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	N/A	Singer	
2035	FCAUS LLC	CRX	New Submission	Submitted	9/5/2018 15:09:54		CRX-DR-2018-0000535	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Grand Cherokee 4x2	
2036	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	
2037	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	
2038	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
2039	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
2040	FCAUS LLC	CRX	New Submission	Submitted	9/18/2018 13:16:54		CRX-DR-2018-0000588	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee Trailhawk 4x4	
2041	FCAUS LLC	CRX	New Submission	Submitted	9/18/2018 13:16:54		CRX-DR-2018-0000588	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler Unlimited 4x4	

	M	N	O	P
2022		HTYXV03.5B6C	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2023		HTYXI02.5B6L	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2024		GTYXV03.5B6C	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2025		JTYXT05.7M58	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2026		JTYXT05.7M5W	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2027		HTYXT04.6SEW	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2028		HTYXT05.7BEY	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2029		JTYXT05.7M5W	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2030		JBMXV03.0B58	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2031		JBMXI04.4N63	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2032		HBMXV03.0B5X	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2033		KBMXI04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2034		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2035		ECRXT03.65PA	2014	On-Board Diagnostic (OBD) System
2036		JHNKV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2037		JHNKV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2038	6MT	HHNXV01.56H3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2039	6MT	HHNXV01.56H3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2040		KCRXT02.05P0	2019	Exhaust Gas Recirculation (EGR) System
2041		JCRXT02.05P1	2018	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
	Vehicles may experience MIL 70N77 condition with DTC's P0455/P0456 and P0441. 7P0455 7 Evaporative Emission Control System Leak Detected (Gross Leak) 7P0456 7 Evaporative Emission Control System Leak Detected (Very Small Leak) 7P0441 7 Evaporative Emission Control System Incorrect Purge Flow				
2022				8910	8910
	Vehicles may experience MIL 70N77 condition with DTC's P0455/P0456 and P0441. 7P0455 7 Evaporative Emission Control System Leak Detected (Gross Leak) 7P0456 7 Evaporative Emission Control System Leak Detected (Very Small Leak) 7P0441 7 Evaporative Emission Control System Incorrect Purge Flow				
2023				257678	257678
	Vehicles may experience MIL 70N77 condition with DTC's P0455/P0456 and P0441. 7P0455 7 Evaporative Emission Control System Leak Detected (Gross Leak) 7P0456 7 Evaporative Emission Control System Leak Detected (Very Small Leak) 7P0441 7 Evaporative Emission Control System Incorrect Purge Flow				
2024				8568	8568
2025	Customer vehicle may exhibit buzz noise coming from passenger side of the dash under certain driving conditions. It has been identified that the ECM (Engine Control Module) is emitting a buzz noise when engine RPM is around 1,200-2,200 RPM under light acceleration.			30494	30494
2026	Customer vehicle may exhibit buzz noise coming from passenger side of the dash under certain driving conditions. It has been identified that the ECM (Engine Control Module) is emitting a buzz noise when engine RPM is around 1,200-2,200 RPM under light acceleration.			53084	53084
2027	Customer vehicle may exhibit buzz noise coming from passenger side of the dash under certain driving conditions. It has been identified that the ECM (Engine Control Module) is emitting a buzz noise when engine RPM is around 1,200-2,200 RPM under light acceleration.			18359	18359
2028	Customer vehicle may exhibit buzz noise coming from passenger side of the dash under certain driving conditions. It has been identified that the ECM (Engine Control Module) is emitting a buzz noise when engine RPM is around 1,200-2,200 RPM under light acceleration.			6011	6011
2029	Customer vehicle may exhibit buzz noise coming from passenger side of the dash under certain driving conditions. It has been identified that the ECM (Engine Control Module) is emitting a buzz noise when engine RPM is around 1,200-2,200 RPM under light acceleration.			53084	53084
	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63) the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	6/30/2017	2/28/2018	109	109
	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63) the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	2/28/2017	6/30/2018	167	167
	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63) the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	10/31/2016	6/30/2017	46	46
	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63) the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	2/28/2018	2/28/2019	10	10
2034	Some 2018 model year Kia Stinger equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P053F (Fuel Pressure Control System). According to Kia's investigation, the cause for this MIL is low operating electric current at the high pressure pump fuel control valve. Kia has changed software to improve the electric current at the high pressure pump fuel control valve.			5236	76
2035	Some 2014MY Jeep Grand Cherokee vehicles with a 3.6L engine (sales code E88) may experience issues getting the downstream oxygen sensor (O2) monitor to complete after the vehicles have had the US6 recall performed. During this condition, the vehicle will fail to clear fuel system readiness.			226357	1200
2036	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	8/2/2017		23920	6
2037	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	8/2/2017		23920	6
2038	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	4/25/2017	10/3/2017	13219	8
2039	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	4/25/2017	10/3/2017	13219	8
2040	Some 2018 MY Jeep Wrangler and 2019 MY Jeep Cherokee vehicles equipped with a GME-T4 engine (sales code: EC1 and EC3) may have an EGR hose that is prone to tear. This can cause a MIL to illuminate with a mix of potential DTCs associated with manifold vacuum leaks, including P2172 which will cause the vehicle to enter 7Limp Mode?? Root cause was determined to be a support			16895	16895
2041	Some 2018 MY Jeep Wrangler and 2019 MY Jeep Cherokee vehicles equipped with a GME-T4 engine (sales code: EC1 and EC3) may have an EGR hose that is prone to tear. This can cause a MIL to illuminate with a mix of potential DTCs associated with manifold vacuum leaks, including P2172 which will cause the vehicle to enter 7Limp Mode?? Root cause was determined to be a support			87	87

	A	B	C	D	E	F	G	H	I	J	K	L
2042	Kia Motors Corporation	KMX	Correction	Superseded	9/24/2018 16:20:30	10/3/2018 12:58:52	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
2043	Kia Motors Corporation	KMX	Correction	Superseded	9/21/2018 12:02:26	9/24/2018 16:03:32	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
2044	Kia Motors Corporation	KMX	Correction	Submitted	9/21/2018 15:37:09		KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
2045	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2046	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2047	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2048	Kia Motors Corporation	KMX	Correction	Superseded	9/19/2018 15:24:13	9/21/2018 15:37:09	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
2049	Kia Motors Corporation	KMX	Correction	Submitted	9/19/2018 16:13:26		KMX-DR-2018-0000291	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
2050	Mercedes Benz	MBX	New Submission	Submitted	9/20/2018 4:01:14		MBX-DR-2018-0000594	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2051	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2018 9:57:55		KMX-DR-2018-0000059	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
2052	Kia Motors Corporation	KMX	Correction	Superseded	9/20/2018 11:53:27	10/3/2018 15:53:57	KMX-DR-2018-0000384	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger	
2053	FCA US LLC	CRX	New Submission	Submitted	9/20/2018 16:01:48		CRX-DR-2018-0000592	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2054	Volvo Car USA, LLC	VVX	New Submission	Superseded	9/26/2018 11:22:14	1/30/2019 10:01:39	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
2055	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	9/26/2018 14:30:40		NSX-DR-2018-0000578	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50 AWD	3.0
2056	General Motors LLC	GMX	New Submission	Submitted	9/30/2018 16:57:44		GMX-DR-2018-0000529	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
2057	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima FE	
2058	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/3/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima S	

	A	B	C	D	E	F	G	H	I	J	K	L
2077	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:22:34	10/4/2018 14:45:55	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	
2078	Porsche AG	PRX	Correction	Submitted	10/3/2018 12:56:43		PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera 4 Executive	3.0L
2079	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 12:58:52	10/3/2018 13:03:30	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger	
2080	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 13:03:30	10/3/2018 13:17:27	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
2081	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:22:08	10/4/2018 10:09:15	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
2082	Volkswagen	VWX	Correction	Submitted	10/11/2018 14:04:57		VWX-DR-2018-0000596	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta Hybrid	
2083	BMW	BMX	New Submission	Superseded	10/8/2018 3:57:22	1/29/2019 9:35:27	BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	MINI COOPER HARDTOP 2 DOOR	
2084	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 5WBxDrive	
2085	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Coupe	

	M	N	O	P
2077		JHYXV03.31MF	2018	Catalyst System
2078	Automatic	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
2079		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2080		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2081		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2082		DVWXV01.4PHE	2013	Drivetrain/Transmission System
2083		GBMXV01.5M36	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2084		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2085		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
2077	<p>Recent fleet testing of a 3.3L T-GDI engine indicated that performance of N2O control may behave differently than expected. It has not been confirmed that this is a general issue related to the overall performance of the 3.3 T-GDI engine, or an individual performance of the single engine. However, current analysis has raised a possibility that unexpected heat loss due to the turbocharger performance may alter the expected chemical composition and transformation of N2O gas development and control. Additional investigation is underway.</p> <p>Hyundai has not determined that a defect exists at this time, and is not aware if, or of, a specific number of customer vehicles or engines that have experienced this issue in the field. Hyundai's experience to date is limited to one fleet vehicle and its internal review of the N2O chemistry and performance. However, in an abundance of caution, Hyundai is issuing this EDIR as it is considered possible that such performance may occur in the field under some typical driving conditions.</p>			1082	0
2078	<p>After the 7sport response?? drive program is terminated, the exhaust flaps stay open for the whole driving cycle and the Cylinder Deactivation function is Disabled. The exhaust flaps stay opened and the cylinder deactivation is also disabled in the next driving cycle</p> <p>If the driver changes the drive program or selects the Sport Exhaust, the position of the exhaust flaps close and cylinder deactivation is enabled again.</p> <p>The topic is relevant for the Panamera, Panamera S and Panamera Turbo. There is only an influence of the fuel consumption at the Panamera Turbo.</p>	9/24/2016	6/13/2017	3438	0
2079	<p>Some 2018 model year KIA Stingers equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P053F (Fuel Pressure Control System). According to the investigation, the main cause is low operating electric current at high pressure pump fuel control valve.</p> <p>Kia has improved the electric current for the driving in ECU to fix this...</p>			5298	76
2080	<p>Some 2018 model year KIA Stingers equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P053F (Fuel Pressure Control System). According to Kia's investigation, the cause for this MIL is low operating electric current at the high pressure pump fuel control valve. Kia has changed software to improve the electric current.</p>			5298	76
2081	<p>Some 2018 model year KIA Stingers equipped with 2.0L T-GDI engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P053F (Fuel Pressure Control System). According to Kia's investigation, the cause for this MIL is low operating electric current at the high pressure pump fuel control valve. Kia has changed software to improve the electric current.</p>			5298	76
2082	<p>Complaint: Not Applicable</p> <p>Component: Transmission Control Software Calibration</p> <p>Production Part Number: OCG-300-045A3801/4002</p> <p>Replacement Part Number: OCG-300-045F-5307</p> <p>DTCs Present: Not Applicable</p> <p>Analysis reflects part number: OCG-300-045-E-4305 (pre-production)</p> <p>OCG-300-045-E-4303 (pre-production)</p> <p>Analysis: During an internal review, VW recognized that due to a quality slip, vehicles were retailed with a pre-production Transmission Control Software calibration rather than the intended production levels.</p> <p>56 vehicles (OCG-300-045-E-4305 (pre-production))</p> <p>13 vehicles (newly determined)- OCG-300-045-E-4303 (pre-production)</p>			90	75
2083	<p>The affected part number 13907614013 relates to the FUEL TANK BREATHER VALVE. Analyses have shown, that in 100% of all cases one of the following two different hardware failures could cause the malfunctioning tank breather valve, which are both detected by the OBD system (fault code entry including MIL illumination). Failure #1 (Knobs failure mode): The rubber structure of the knobs pressed in the hole of the valve bumper could crack in the area between chamfer and hole and in the following could detach and get lost in the backside. Due to the missing rubber structure there is a metal to metal contact in the fuel tank breather valve, which could result in a blocked valve and could lead to a too lean fuel mixture, which is detected by the OBD.</p> <p>Failure #2 (Retractable membrane): Due to failures in the production process the retractable membrane (plastic material) of the non-return valve could brake completely. This malfunction could be caused either by an extruding failure or by a pre-damage of the membrane due to a ridge on the seat engaging surface of the anker. For vehicles with one fuel tank breather valve this malfunction (broken membrane) will be detected by the OBD as small leakage, for vehicles with two valve as a leakage of the second purge line.</p>	6/30/2015	6/29/2016	16499	4950
2084	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis has shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
2085	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis has shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259

	A	B	C	D	E	F	G	H	I	J	K	L
2006	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B6 xDrive Gran Coupe	
2007	Hyundai Motor Company	HYX	New Submission	Submitted	10/12/2018 16:10:24		HYX-DR-2018-0000631	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	HYUNDAI	Tucson Eco AWD	
2008	Hyundai Motor Company	HYX	New Submission	Submitted	10/12/2018 16:10:24		HYX-DR-2018-0000631	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	HYUNDAI	Tucson FWD	
2009	Hyundai Motor Company	HYX	New Submission	Submitted	10/12/2018 16:10:24		HYX-DR-2018-0000631	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	HYUNDAI	Tucson AWD	
2000	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
2001	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	

	M	N	O	P
2006		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2007		HHYXV01.61TF	2017	Air Inlet System (Including Turbo and Superchargers)
2008		HHYXV01.61TF	2017	Air Inlet System (Including Turbo and Superchargers)
2009		HHYXV01.61TF	2017	Air Inlet System (Including Turbo and Superchargers)
2000		FCRXT03.05PV	2015	Exhaust Gas Recirculation (EGR) System
2001		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP.</p> <p>Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
2006					
	<p>Certain 2017 TUCSON vehicles equipped with a 1.6L Turbo GDI engine may experience a check engine warning light with the P0236 DTC(Boost Sensor- Range/Performance) stored in the Engine Control Module.</p> <p>According to the investigation, the barometric pressure between the ECU and BPS is different, and this causes an increased resistance in the connector terminal. Which causes the the engine warning light to illuminate.</p> <p>Hyundai will replace the wiring of the Front End Module(FEM) wiring by expanding the terminal's diameter to reduce resistance.</p>			16107	1288
2007					
	<p>Certain 2017 TUCSON vehicles equipped with a 1.6L Turbo GDI engine may experience a check engine warning light with the P0236 DTC(Boost Sensor- Range/Performance) stored in the Engine Control Module.</p> <p>According to the investigation, the barometric pressure between the ECU and BPS is different, and this causes an increased resistance in the connector terminal. Which causes the the engine warning light to illuminate.</p> <p>Hyundai will replace the wiring of the Front End Module(FEM) wiring by expanding the terminal's diameter to reduce resistance.</p>			16107	1288
2008					
	<p>Certain 2017 TUCSON vehicles equipped with a 1.6L Turbo GDI engine may experience a check engine warning light with the P0236 DTC(Boost Sensor- Range/Performance) stored in the Engine Control Module.</p> <p>According to the investigation, the barometric pressure between the ECU and BPS is different, and this causes an increased resistance in the connector terminal. Which causes the the engine warning light to illuminate.</p> <p>Hyundai will replace the wiring of the Front End Module(FEM) wiring by expanding the terminal's diameter to reduce resistance.</p>			16107	1288
2009					
	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler.</p> <p>7457 (16%) had a plugged or restricted EGR cooler due to soot.</p> <p>7108 (3.7%) had an EGR bypass that was stuck or broken.</p> <p>7106 (3.70%) had an issue with an adjoining component</p> <p>751 (1.78%) had an external EGR cooler leak</p> <p>750 (1.75%) had an unknown failure not related to the EGR cooler</p>			40405	810
2090					
	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler.</p> <p>7457 (16%) had a plugged or restricted EGR cooler due to soot.</p> <p>7108 (3.7%) had an EGR bypass that was stuck or broken.</p> <p>7106 (3.70%) had an issue with an adjoining component</p> <p>751 (1.78%) had an external EGR cooler leak</p> <p>750 (1.75%) had an unknown failure not related to the EGR cooler</p>			13771	89
2091					

	A	B	C	D	E	F	G	H	I	J	K	L
2002	FCA US LLC	CRX	New Submission	Submitted	11/3/2018 13:50:55		CRX-DR-2018-0000681	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
2003	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	Eos	
2004	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	Eos	
2005	BMW	BMX	New Submission	Superseded	10/29/2018 10:51:17	10/30/2018 8:08:50	BMX-DR-2018-0000670	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive40e	
2006	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/7/2018 19:40:57		HNX-DR-2018-0000693	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	NSX	
2007	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	INSIGHT	
2008	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	RDX AWD	
2009	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD 2.0T SPORT/TOURING	2.0L
2100	Kia Motors Corporation	KMX	New Submission	Superseded	11/12/2018 14:16:42	11/12/2018 14:26:02	KMX-DR-2018-0000710	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	KIA	OPTIMA	2.0L Turbo GDI
2101	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	CC	
2102	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta Hybrid	

	M	N	O	P
2002		HCRXJ01.45P0	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2003		DVWXJ02.03U4	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2004		DVWXV02.03SA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2005		HBMXT02.0H20	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2006		HHNXV03.5K144	2017	On-Board Diagnostic (OBD) System
2007		KHNXV01.5CL2	2019	On-Board Diagnostic (OBD) System
2008		KHNXT02.0823	2019	On-Board Diagnostic (OBD) System
2009	10AT	KHNXV02.06L3	2019	On-Board Diagnostic (OBD) System
2100		EKMXXV02.04GE	2014	Air Inlet System (Including Turbo and Superchargers)
2101		DVWXV02.03PA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
2102		DVWXV01.4PHE	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
2103	BMW	BMX	Correction	Superseded	10/30/2018 8:05:05	10/30/2018 12:06:46	BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i xDrive	
2104	Audi	ADX	New Submission	Submitted	10/24/2018 11:01:38		ADX-DR-2018-0000658	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	GTI	
2105	Audi	ADX	New Submission	Submitted	10/24/2018 13:06:30		ADX-DR-2018-0000659	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S6	
2106	Porsche AG	PRX	New Submission	Submitted	10/25/2018 13:30:11		PRX-DR-2018-0000663	Defect Report	DR - Hybrid Vehicle System	Porsche	Panamera S E-Hybrid	3.0L
2107	BMW	BMX	Correction	Submitted	10/30/2018 12:06:45		BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	Alpina B7 xDrive	
2108	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
2109	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A7 quattro	
2110	Audi	ADX	Correction	Submitted	10/30/2018 15:26:49		ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A7 quattro	
2111	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:33:11		GMX-DR-2018-0000706	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2112	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:33:11		GMX-DR-2018-0000706	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2113	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:37:36		GMX-DR-2018-0000708	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
2114	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S COUNTRYMAN	
2115	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER HARDTOP 2 DOOR	

	M	N	O	P
2103		HBMXV04.4N63	2017	Electrical Wiring, Sensor, and Actuator Systems
2104		EADXV02.03PA	2014	Air Inlet System (Including Turbo and Superchargers)
2105		EADXV04.03SU	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2106 Automatic		EPRXV03.0PHD	2014	Hybrid Vehicle System
2107		HBMXV04.4N63	2017	Electrical Wiring, Sensor, and Actuator Systems
2108		GVGA003.0NU4	2016	Electrical Wiring, Sensor, and Actuator Systems
2109		FVGAJ03.0NU4	2015	Electrical Wiring, Sensor, and Actuator Systems
2110		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
2111		EGMXV02.0021	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2112		EGMXJ03.6165	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2113		JGMXV03.6166	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
2114		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
2115		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
2103	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics /component ?space? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	6/30/2016	5/31/2017	5037	1914
2104	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 DT (MY13), 06J 133 185 EQ (MY14) Warranty Replacement Part Number: 06J 133 201 BH The following DTC was observed: -P2015 (Intake Manifold Runner Position Sensor Range/Performance) Part analyses reflect part numbers: 06J 133 185 DT and 06J 133 185 EQ 16x Part Cracked 7x Binding Gear 6x Contaminated by carbon 3x Noisy 2x Bad (implausible Poti signal) 1x Stuck Open 1x Stuck Closed 1x Plate Sticks 39x No trouble found Failure Analysis: Intake manifold runner can separate internally and will not operate correctly with the regulator valve. A malfunctioning intake manifold runner may cause a MIL on condition.</p>			5082	186
2105	<p>-Complaint: MIL and/or Runs Rough -Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. -Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system.</p> <p>Model Year/Model/Production Software/Replacement Software 2013 56, 574G0906014B V00074G0906014B V0009 2013S84H0907557E V00034H0907557E V0004 2014S84H0907557E V00034H0907557E V0004 2014S6, 574G0906014E V00044G0906014E V0006 2014R574G0906560B V00064G0906560B V0008</p>			4364 755	4364 59
2106	High Voltage batteries (part numbers 7PP915590 X, 7PP915590AX, 7PP915590B, 7PP915590C, 7PP915590H, 7PP915590HX, 7PP915590KX) are being replaced in the field due to illumination of the MIL. The fault code most frequently stored is P0A8000, which indicates high internal resistance in the battery. Batteries that have be	9/30/2013	5/22/2014		
2107	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics /component ?space? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	6/30/2016	2/27/2017	5037	1914
2109	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			3962	312
2110	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			8118	555
2111	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			12570	864
2112	In certain vehicles, a capacitor was misinstalled on the circuit board of the Electronic Transmission Range Selector (ETRS) shifter. This can cause the capacitor to degrade to the point where it may fail and result in the transmission changing from automatic to manual shift mode without any driver input.			4595	111
2113	In certain vehicles, a capacitor was misinstalled on the circuit board of the Electronic Transmission Range Selector (ETRS) shifter. This can cause the capacitor to degrade to the point where it may fail and result in the transmission changing from automatic to manual shift mode without any driver input.			400	13
2114	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	13108	13108
2115	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	2/27/2019	6106	6106

	A	B	C	D	E	F	G	H	I	J	K	L
2116	BMW	BMX	New Submission	Superseded	11/21/2018 3:56:55	11/21/2018 7:13:49	BMX-DR-2018-0000732	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	
2117	BMW	BMX	New Submission	Superseded	11/21/2018 3:56:55	11/21/2018 7:13:49	BMX-DR-2018-0000732	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e	
2118	BMW	BMX	New Submission	Superseded	11/21/2018 3:56:55	11/21/2018 7:13:49	BMX-DR-2018-0000732	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	
2119	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	740Ld xDrive	
2120	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	XS xDrive 35d	
2121	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	535d	

	M	N	O	P
2116		JBMXV02.0H48	2018	On-Board Diagnostic (OBD) System
2117		KBMXV02.0H30	2019	On-Board Diagnostic (OBD) System
2118		KBMXV02.0H48	2019	On-Board Diagnostic (OBD) System
2119		FBMXV03.0N57	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2120		GBMXT03.0N57	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2121		EBMXV03.0N57	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
2116	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description: In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	3/6/2017	10/29/2018	2873	2873
2117	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description: In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	6/30/2018	6/29/2019	1953	1953
2118	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description: In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	6/30/2018	2/27/2019	71	71
2119	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine</p> <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	2/28/2014	6/29/2015	1505	1505
2120	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine</p> <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	11/30/2015	7/30/2016	1696	1696
2121	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine</p> <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	5167	5167

	A	B	C	D	E	F	G	H	I	J	K	L
2122	BMW	BMX	Correction	Submitted	11/21/2018 7:13:49		BMX-DR-2018-0000732	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	BMW	740e xDrive	
2123	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
2124	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 SWB	
2125	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Coupe	
2126	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:32:53		MBX-DR-2018-0000719	Defect Report	DR - On-Board Diagnostic (OBD) System			
2127	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:38:16		MBX-DR-2018-0000717	Defect Report	DR - On-Board Diagnostic (OBD) System			
2128	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/13/2018 13:33:59		NSX-DR-2018-0000697	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA AWD SR/PLATINUM	
2129	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA AWD	
2130	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA WAGON AWD	
2131	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	XV CROSSTREK AWD	
2132	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA AWD	
2133	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
2134	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
2135	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
2136	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			

	M	N	O	P
2122		KBMKV02.0H48	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2123		HBMKV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
2124		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2125		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2126		JMBXJ04.0U2A	2018	On-Board Diagnostic (OBD) System
2127		GMBXV05.5U2A	2016	On-Board Diagnostic (OBD) System
2128		KNSXV02.5APPA	2019	On-Board Diagnostic (OBD) System
2129		DFJXJ02.5MKR	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2130		DFJXJ02.5MLP	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2131		DFJXJ02.5MLP	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2132		EFJXJ02.5MKR	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2133		DMBXV03.5U2A	2013	Catalyst System
2134		DMBXV03.5U2B	2013	Catalyst System
2135		FMBXV05.5U2A	2015	Catalyst System
2136		ENBXT05.5U2A	2014	Catalyst System

	A	B	C	D	E	F	G	H	I	J	K	L
2137	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
2138	BMW	BMX	New Submission	Superseded	11/14/2018 10:02:29	11/14/2018 10:17:56	BMX-DR-2018-0000727	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive50i	
2139	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2140	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2141	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2142	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
2137		DMBXV05.SU2A	2013	Catalyst System
2138		EBMXT04.4F15	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2139		EMBXV05.SU28	2014	On-Board Diagnostic (OBD) System
2140		FMBXJ02.0U2A	2015	On-Board Diagnostic (OBD) System
2141		GMBXT03.SU2A	2016	On-Board Diagnostic (OBD) System
2142		DMBXV03.5BN4	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
2137	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			10322	0
2138	<p>The affected part number 13538616079 relates to component injection valve (fuel injector) by supplier Continental, which is only used for model X6 xDrive50i (for model X5 xDrive50i an injector by supplier Bosch is built; please see also EDIR-06-NG3TUE-0251). This part number 13538616079 is used in production beginning with 02/2013. Analyses have shown, that in about 50% of all cases the component injection valve was replaced due to misfire events including fault code storage and MIL illumination. In general these misfire events were be caused by an electrical malfunction (faulty operation of the injector) due to contamination (welding bead) at the contact/connection caused by the supplier during the production process. In addition leakages due to gelation of the compensator (in general after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector) or a defective filter material (filter material shows breaks pollutant particles leading to temporary or steady leakages of the injection valve) could also lead to the misfire events. In the other 50% of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. In these cases other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for the fault code storage (e.g. for misfire) and MIL illumination.</p>	3/31/2013	12/30/2014	4615	2215
2139	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			12931	0
2140	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			41633	0
2141	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			30945	0
2142	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			10812	0

	A	B	C	D	E	F	G	H	I	J	K	L
2143	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2144	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2145	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2146	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2147	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2148	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
2143		JMBXV03.0U2A	2018	On-Board Diagnostic (OBD) System
2144		FMBXV05.5U2A	2015	On-Board Diagnostic (OBD) System
2145		DMBXV03.5U2B	2013	On-Board Diagnostic (OBD) System
2146		HMBXV03.0U2A	2017	On-Board Diagnostic (OBD) System
2147		HMBXV03.0U2A	2017	On-Board Diagnostic (OBD) System
2148		EMBXV02.0U2A	2014	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
2143	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			4760	0
2144	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			36203	0
2145	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			43578	0
2146	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			13317	0
2147	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			5555	0
2148	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			41036	0

	A	B	C	D	E	F	G	H	I	J	K	L
2149	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2150	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2151	BMW	BMX	New Submission	Submitted	11/29/2018 11:51:45		BMX-DR-2018-0000744	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
2152	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328i XDRIVE	
2153	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328i XDRIVE	
2154	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	128i CONVERTIBLE	
2155	BMW	BMX	Correction	Submitted	11/29/2018 11:25:13		BMX-DR-2018-0000740	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
2156	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler 4X4	
2157	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	
2158	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:55:49		CRX-DR-2018-0000782	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	

	M	N	O	P
2149		CMBKV05.SU28	2012	On-Board Diagnostic (OBD) System
2150		GMBXT05.SU2A	2016	On-Board Diagnostic (OBD) System
2151		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2152		9BMXV03.0N51	2009	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2153		9BMXV03.0N51	2009	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2154		9BMXV03.0N51	2009	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2155		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2156		JCRXT02.0SP1	2018	On-Board Diagnostic (OBD) System
2157		HCRXT03.6SP0	2017	On-Board Diagnostic (OBD) System
2158		HCRXT03.6SP0	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			10818	0
2149					
	Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			5321	0
2150				2614	544
2151	The affected part number 13538508087 relates to the FRONT FUEL RETURN HOSE [FUEL RETURN LINE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMXT03.0N	7/31/2016	7/31/2017		
	The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).	8/31/2008	7/31/2009	31604	1681
2152					
	The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).	8/31/2008	7/31/2009	31604	1681
2153					
	The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).	8/31/2008	7/31/2009	31604	1681
2154					
	The affected part number 13537823400 relates to the FRONT FUEL RETURN LINE [RETURN PIPE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMXT03.0N57, a final decision based on the final analysis results is expected in 01/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mils; equivalent to EDIR-0E-N57-0177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FRONT FUEL RETURN LINE [RETURN PIPE] is/was working properly and has/had no malfunction.	7/31/2016	7/31/2017	2614	544
2155					
2156	Some 2017-2018MY Chrysler Pacifica ("RU") vehicles with a 3.6L Plug-in Hybrid Engine, 2018MY Jeep Wrangler ("L") vehicles with a 2.0L B56 engine, 2019MY Dodge Ram 1500 (DT) vehicles with a 3.6L B56 engine and 2019MY Dodge Ram 1500 vehicles with a 5.7L B56 engine may experience an issue where the ambient air temperature sensor is not reporting the correct raw value for a fault.			45131	45131
2157	Some 2017-2018MY Chrysler Pacifica ("RU") vehicles with a 3.6L Plug-in Hybrid Engine, 2018MY Jeep Wrangler ("L") vehicles with a 2.0L B56 engine, 2019MY Dodge Ram 1500 (DT) vehicles with a 3.6L B56 engine and 2019MY Dodge Ram 1500 vehicles with a 5.7L B56 engine may experience an issue where the ambient air temperature sensor is not reporting the correct raw value for a fault.			3325	3325
2158	Some 2017-2018MY Chrysler Pacifica ("RU") vehicles with a 3.6L Plug-in Hybrid Engine are experiencing an OBD issue where the mode \$03 power-down DTCs are clearing on power-up events when the MIL is still illuminated. This causes a situation where the storage codes and MIL are not in sync with each other.			3325	3325

	A	B	C	D	E	F	G	H	I	J	K	L
2159	BMW	BMX	New Submission	Submitted	12/5/2018 10:05:10		BMX-DR-2018-0000758	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
2160	BMW	BMX	New Submission	Submitted	12/5/2018 10:05:10		BMX-DR-2018-0000758	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
2161	Volvo Car USA, LLC	VXX	New Submission	Submitted	12/6/2018 13:32:08		VXX-DR-2018-0000762	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2162	Volvo Car USA, LLC	VXX	New Submission	Submitted	12/6/2018 13:32:08		VXX-DR-2018-0000762	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2163	Hyundai Motor Company	HYX	New Submission	Submitted	12/6/2018 14:27:40		HYX-DR-2018-0000763	Defect Report	DR - On-Board Diagnostic (OBD) System	GENESIS	G80 AWD	
2164	Hyundai Motor Company	HYX	New Submission	Submitted	12/6/2018 14:29:27		HYX-DR-2018-0000759	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GENESIS	G90 AWD	
2165	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X1 sDrive28i	
2166	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CONVERTIBLE	
2167	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER COUNTRYMAN	

	M	N	O	P
2159		GBMXT03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2160		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2161		KVXXV02.0U78	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2162		KVXXT02.0U70	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2163		KHYXV05.0HMS	2019	On-Board Diagnostic (OBD) System
2164		HHYXV05.0155	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2165		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
2166		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
2167		KBMXV01.5M3X	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The part number 13518573162 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY16 Diesel models with 6 cylinder engine N57 (Test Groups GBMXV03.0N57 and GBMXT03.0N57). Beginning with 12/2016 a more robust hardware with part number 13518597821 was introduced in production and as replacement part in service. The part number 13518571796 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY16 Diesel models with 4 cylinder engine N47 (Test Groups GBMXV02.0N47 and GBMXT02.0N47). Beginning with 12/2016 a more robust hardware with part number 13518597819 was introduced in production and as replacement part in service. Analysis (applying to the original built part numbers 13518573162 and 13518571796 for component high pressure fuel pump Diesel) have shown that regional varying gasoline quality have a great impact on the mechanical deterioration of the component high pressure pump. In worst cases a lower quality could lead to a break down respectively to mechanical cuttings of the high pressure pump track roller. Those metal warfs could float through the entire fuel system (e.g. high pressure/low pressure system and tank) and accumulate anywhere. Such a contaminated system could not provide the necessary rail pressure at engine start (causing a non-starter) respectively could lead to a limp home mode including a performance reduction. OBD system will identify those malfunctions and trigger a fault code storage with MIL illumination. The replacement of the high pressure fuel pump has been in all cases the right measure to repair the malfunction.</p>	11/30/2015	7/30/2016	1696	152
	<p>The part number 13518573162 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY16 Diesel models with 6 cylinder engine N57 (Test Groups GBMXV03.0N57 and GBMXT03.0N57). Beginning with 12/2016 a more robust hardware with part number 13518597821 was introduced in production and as replacement part in service. The part number 13518571796 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY16 Diesel models with 4 cylinder engine N47 (Test Groups GBMXV02.0N47 and GBMXT02.0N47). Beginning with 12/2016 a more robust hardware with part number 13518597819 was introduced in production and as replacement part in service. Analysis (applying to the original built part numbers 13518573162 and 13518571796 for component high pressure fuel pump Diesel) have shown that regional varying gasoline quality have a great impact on the mechanical deterioration of the component high pressure pump. In worst cases a lower quality could lead to a break down respectively to mechanical cuttings of the high pressure pump track roller. Those metal warfs could float through the entire fuel system (e.g. high pressure/low pressure system and tank) and accumulate anywhere. Such a contaminated system could not provide the necessary rail pressure at engine start (causing a non-starter) respectively could lead to a limp home mode including a performance reduction. OBD system will identify those malfunctions and trigger a fault code storage with MIL illumination. The replacement of the high pressure fuel pump has been in all cases the right measure to repair the malfunction.</p> <p>2160 illumination. The replacement of the high pressure fuel pump has been in all cases the right measure to repair the malfunction.</p> <p>2161 The lower lid within the fuel filler neck of the cap less unit does not close properly.</p> <p>2162 The lower lid within the fuel filler neck of the cap less unit does not close properly.</p>	6/30/2015	10/30/2016	1209 41 41	212 41 41
	<p>019MY G90 and G80 vehicles equipped with 5.0L GDI engine may experience an issue that the collected readiness data of the fuel system is not indicated as being "completed" even though the fuel system monitoring is actually been completed. According to the investigation, the main cause is an inappropriate ECU data calibration when it comes to indicating the completion.</p>			183	1
	<p>Some 2017, 2018MY G90 vehicles with 5.0L GDI engine may experience the intermittent faulty start under the certain RPM conditions. According to the investigation, This unusual poor start happens to vehicles when the noise signal appears during the initial ignition on/start. Hyundai will apply noise reduction logic to the Crank Shaft Position Sensor to improve this problem.</p>			1772	4
	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.</p>	6/30/2017	10/30/2018	21020	21020
	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.</p>	2/28/2018	6/29/2019	13748	13748
	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.</p>	2/28/2018	6/29/2019	2527	2527

	A	B	C	D	E	F	G	H	I	J	K	L
2168	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER COUNTRYMAN ALL4	
2169	BMW	BMX	Correction	Submitted	12/10/2018 6:31:10		BMX-DR-2018-0000756	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
2170	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/11/2018 19:14:42		HNX-DR-2018-0000768	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILLOT 2WD	
2171	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/11/2018 19:14:42		HNX-DR-2018-0000768	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILLOT AWD	3.5L
2172	Jaguar Land Rover Limited	JLX	New Submission	Superseded	12/13/2018 13:21:45	1/29/2019 17:09:44	JLX-DR-2018-0000775	Defect Report	DR - On-Board Diagnostic (OBD) System			
2173	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX 4WD	
2174	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
2175	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD	
2176	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Passat	
2177	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	JETTA SPORTWAGEN	
2178	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	CC	
2179	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:47:00		VGA-DR-2018-0000807	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	

	M	N	O	P
2168		KBMXV01.5M3X	2019	On-Board Diagnostic (OBD) System
2169		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2170		GHNXV03.5VA3	2016	On-Board Diagnostic (OBD) System
2171 9AT		HHNXV03.5VH3	2017	On-Board Diagnostic (OBD) System
2172		GJLXT02.0FTP	2016	On-Board Diagnostic (OBD) System
2173 9AT		GHNXV03.5VA3	2016	On-Board Diagnostic (OBD) System
2174 9AT		HHNXV03.5VH3	2017	On-Board Diagnostic (OBD) System
2175 9AT		HHNXV03.5MA3	2017	On-Board Diagnostic (OBD) System
2176		EVWXV02.5A59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2177		EVWXV02.5M59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2178		GVGAV02.0VPE	2016	Drivetrain/Transmission System
2179		FVGAV03.6VUG	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
2165	<p>Based on manufacturer technical data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.</p>	2/28/2018	6/29/2019	2527	2527
2169	<p>The affected part number 16117260648 relates to the FUEL PUMP [DELIVERY MODULE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120,000mils). Please see corresponding EDIR-DC-N57/N47-0311. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [DELIVERY MODULE] is/was working properly and has/had no malfunction.</p>	6/30/2015	9/30/2016	1209	359
2170	The evaporative canister filter may become blocked by the combination of accumulated dirt and snow if driven in an extremely dirty environment. The MIL may illuminate for P2422 "Evaporative Emission (EVAP) System Vent Shut Valve Close Malfunction".	2/2/2015	11/7/2016	186059	65
2171	The evaporative canister filter may become blocked by the combination of accumulated dirt and snow if driven in an extremely dirty environment. The MIL may illuminate for P2422 "Evaporative Emission (EVAP) System Vent Shut Valve Close Malfunction".	6/28/2016	12/4/2017	152785	20
2172	A customer may express a concern that the Malfunction Indicator Lamp (MIL) is illuminated on the Instrument Cluster (IC) with the following DTCs: P2096 or P2097. This may be caused by an oversensitivity within the On-board Diagnostics (OBD) resulting in a false flag.			2162	1857
2173	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	2/2/2015	11/7/2016	134326	314
2174	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	6/20/2016	12/4/2017	129467	58
2175	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	7/15/2016	3/27/2017	11247	30
2176	<p>ComplaintMIL on</p> <p>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</p> <p>P0441 - EVAP Incorrect Purge Flow</p> <p>P0457 - EVAP Leak Detected 7 fuel cap loose/off</p> <p>ComponentEVAP Purge Valve</p> <p>Part Number - Production06E906517A</p> <p>Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A</p> <p>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</p> <p>Parts analysis results:</p> <p>56x Leakage (32.2%)</p> <p>55x Very small leakage (30.7%)</p> <p>11x Incorrect purge flow (6.1%)</p> <p>6x Torn Seal (3.4%)</p> <p>1x Contaminated by fuel (0.6%)</p> <p>27x No trouble found</p>			24825	359
2177	<p>ComplaintMIL on</p> <p>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</p> <p>P0441 - EVAP Incorrect Purge Flow</p> <p>P0457 - EVAP Leak Detected 7 fuel cap loose/off</p> <p>ComponentEVAP Purge Valve</p> <p>Part Number - Production06E906517A</p> <p>Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A</p> <p>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</p> <p>Parts analysis results:</p> <p>56x Leakage (32.2%)</p> <p>55x Very small leakage (30.7%)</p> <p>11x Incorrect purge flow (6.1%)</p> <p>6x Torn Seal (3.4%)</p> <p>1x Contaminated by fuel (0.6%)</p> <p>27x No trouble found</p>			931	24
2178	<p>ComplaintNot Applicable</p> <p>DTCs PresentNot Applicable</p> <p>ComponentTransmission Control Software Calibration</p> <p>Part Number - ProductionNA</p> <p>Part Number - Replacement02E300062K V4002</p> <p>09G92750PE V2630</p> <p>0C33000451 V6403</p> <p>0D9300012 V4521</p> <p>0D9300012 V4939</p> <p>Part Number - Analysis 03H9060023BM V6179</p> <p>03H9060023BM V6875</p> <p>03H906023C V2136</p> <p>03H906023DC V3177</p> <p>04E906023AE V1702</p> <p>06J906027HD V7871</p> <p>0D9300012L V4932</p> <p>0D9300012 V4905</p> <p>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>			2	2
2179	<p>Complaint:Not Applicable</p> <p>DTCs Present:Not Applicable</p> <p>Component:Engine Control Module Software</p> <p>Part Number ? Production:03H906023BM V6179</p> <p>Part Number ? Replacement:to be determined</p> <p>Part Number ? Analysis:See attached table</p> <p>Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns:</p> <p>ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software</p> <p>FVGAV03.6VUGPassat2015OBD Phase in TBD</p>			108	108

	A	B	C	D	E	F	G	H	I	J	K	L
2180	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE	
2181	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE	
2182	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE CONVERTIBLE	
2183	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE	
2184	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GOLF	
2185	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:57:51		GMX-DR-2018-0000773	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2186	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:57:51		GMX-DR-2018-0000773	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2187	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A4 quattro	

	M	N	O	P
2180		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
2181		DVWXJ02.03UA	2013	On-Board Diagnostic (OBD) System
2182		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
2183		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
2184		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
2185		GGMXJ02.4199	2016	Electrical Wiring, Sensor, and Actuator Systems
2186		FGMXJ02.4199	2015	Electrical Wiring, Sensor, and Actuator Systems
2187		HVGAJ02.0AAC	2017	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p> <p>218003H906023E_3013</p>			3	3
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p> <p>218103H906023E_3013</p>			185	185
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p> <p>218203H906023E_3013</p>			2549	2549
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p> <p>218303H906023E_3013</p>			235	235
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p> <p>218403H906023E_3013</p> <p>2185In certain vehicle the camshaft position actuator oil control solenoid valve (OCV) may fail due to excessive internal wear between components or a broken internal electrical wire.</p> <p>2186In certain vehicle the camshaft position actuator oil control solenoid valve (OCV) may fail due to excessive internal wear between components or a broken internal electrical wire.</p>			3 31219 28925	3 53 469
	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125- SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A -version 0002.0004 Beetle -06K.906.016.B -version 4948 Passat -06K.906.016.C -version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125- SW part number 8W0.907.115.C_0006 A3-LEV 30- SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K -version 0001 Beetle -06K.906.016.B -version 9610 Passat -06K.906.016.C -version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125- SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001.0006 VW: Tiguan -5NA.907.115.A -version 0002.0004 Beetle -06K.906.016.B -version 4948 Passat -06K.906.016.C -version 4949</p> <p>2187Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>			42568	42568

	A	B	C	D	E	F	G	H	I	J	K	L
2188	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3 quattro	
2189	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
2190	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/30/2019 23:16:43		NSX-DR-2019-0000381	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	INFINITI	QX50	
2191	BMW	BMX	Correction	Submitted	7/4/2019 3:05:05		BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
2192	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	
2193	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
2194	Jaguar Land Rover Limited	JLX	New Submission	Superseded	2/5/2019 16:38:28	7/22/2019 10:16:55	JLX-DR-2019-0000090	Defect Report	DR - On-Board Diagnostic (OBD) System			
2195	Jaguar Land Rover Limited	JLX	New Submission	Superseded	2/5/2019 16:38:28	7/22/2019 10:16:55	JLX-DR-2019-0000090	Defect Report	DR - On-Board Diagnostic (OBD) System			
2196	Jaguar Land Rover Limited	JLX	New Submission	Superseded	2/5/2019 16:38:28	7/22/2019 10:16:55	JLX-DR-2019-0000090	Defect Report	DR - On-Board Diagnostic (OBD) System			
2197	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/5/2019 18:40:08		NSX-DR-2019-0000009	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	NISSAN	TITAN 2WD	
2198	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	
2199	Volkswagen	VWX	New Submission	Submitted	2/8/2019 7:09:31		VWX-DR-2019-0000104	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta Hybrid	
2200	FCA US LLC	CRX	New Submission	Submitted	6/25/2019 8:17:14		CRX-DR-2019-0000462	Defect Report	DR - Drivetrain/Transmission System	Jeep	Cherokee FWD	
2201	BMW	BMX	New Submission	Submitted	2/15/2019 7:28:28		BMX-DR-2019-0000131	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	

	M	N	O	P
2188		JVGAV02.0APA	2018	Electrical Wiring, Sensor, and Actuator Systems
2189		HVGAI02.0AUF	2017	Electrical Wiring, Sensor, and Actuator Systems
2190		KNSXT02.0PVA	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2191		LBMX04.4N63	2020	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2192		FHNXV03.5GA3	2015	On-Board Diagnostic (OBD) System
2193		HHNXV03.5VH3	2017	On-Board Diagnostic (OBD) System
2194		JJLX02.0RTX	2018	On-Board Diagnostic (OBD) System
2195		JJLXV05.0PAM	2018	On-Board Diagnostic (OBD) System
2196		JJLX03.0F5P	2018	On-Board Diagnostic (OBD) System
2197		HNSXT05.6N9A	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2198		JHNXV01.5TH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2199		EVWXV01.4HEV	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2200		ECRXT03.65PO	2014	Drivetrain/Transmission System
2201		JBMXT03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	G	R	S	T	U	
	DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003,0005 A3-LEV 30- SW part number 8V0.907.115.B_0001 - 0006 VW: Tiguan - 5NA.907.115.A -version 0002, 0004 Beetle - 06K.906.016.B -version 4948 Passat -06K.906.016.C -version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30- SW part number 8V0.907.115.B_0007 VW: Tiguan - 5NA.907.115.K -version 0001 Beetle - 06K.906.016.B -version 9610 Passat ? 06K.906.016.C -version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003,0005 A3-LEV 30- SW part number 8V0.907.115.B_0001 ? 0006 VW: Tiguan - 5NA.907.115.A -version 0002, 0004 Beetle - 06K.906.016.B -version 4948 Passat -06K.906.016.C -version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)				8360	8360
2189	DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003,0005 A3-LEV 30- SW part number 8V0.907.115.B_0001 - 0006 VW: Tiguan - 5NA.907.115.A -version 0002, 0004 Beetle - 06K.906.016.B -version 4948 Passat -06K.906.016.C -version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30- SW part number 8V0.907.115.B_0007 VW: Tiguan - 5NA.907.115.K -version 0001 Beetle - 06K.906.016.B -version 9610 Passat ? 06K.906.016.C -version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003,0005 A3-LEV 30- SW part number 8V0.907.115.B_0001 ? 0006 VW: Tiguan - 5NA.907.115.A -version 0002, 0004 Beetle - 06K.906.016.B -version 4948 Passat -06K.906.016.C -version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)				32328	32328
2190	On some 2019 Infiniti QX50 vehicles, customers have experienced a fuel odor inside the vehicle's cabin. Infiniti has investigated and found that the end point of the Evap canister filter vent hose is connected to a portion of the frame member which also shares a small connection to the cabin through a body panel flange. Under certain conditions (hot ambient air temperature / HVAC system)				33065	53
	Wrong screwing/connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario: During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.	2/28/2019	5/7/2019		7	7
2191						
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	6/2/2014	8/31/2015		32141	47
2192						
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	11/4/2016	12/4/2017		69453	99
2193	During a State Inspection or using a dealer routine service tool, the VIN may not be displayed on the service tool. The retailer/center may be unable to cross check the VIN from the chassis to that contained in the PCM.				639	639
2194	During a State Inspection or using a dealer routine service tool, the VIN may not be displayed on the service tool. The retailer/center may be unable to cross check the VIN from the chassis to that contained in the PCM.				571	571
2195	During a State Inspection or using a dealer routine service tool, the VIN may not be displayed on the service tool. The retailer/center may be unable to cross check the VIN from the chassis to that contained in the PCM.				1471	1471
2197	On some MY2017 Nissan TITAN vehicles, customers are experiencing MIL illumination (DTC P0448) for the EVAP valve in a stuck-closed position. Nissan has investigated and found that, under certain conditions, the EPT foam seal around the fuel filler neck may not be fully secured and can potentially allow water to enter the EVAP line, filling the canister and causing the MIL illumination.	8/2/2017			51012	27
2198	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate				31406	8
	Complaint:MIL on DTCs Present:P0456 EVAP Emission Control System - very small leak detected (30.3%) P0456 EVAP System Very Small Leak Detected - Fresh Air Side (23.6%) Other EVAP system-related fault codes (12.7%) No fault codes present (9.4%) Other unrelated fault codes (24.0%) Component:EVAP Purge Valve & Hose Assembly Part Number ? Production:04E 906 517 Part Number ? Replacement:04E 133 366 AH Part Number ? Analysis:04E 906 517 Analysis:A)Possible influence from lubricating fluid while inserting purge-valve into valve/hose sub-assembly. 8x internal leaking (12.1%) 1x incorrect purge flow (1.5%) 8)Due to improper diagnosis, technicians are performing unnecessary parts replacements in service (VW has issued a knowledge article to better assist technicians with diagnosis).				1896	20
2199	57x no trouble found (86.4%)				93211	3381
2200	Some 2014 MY Jeep Cherokee (KL) vehicles equipped with a 3.2L engine (Sales code: EHB) may experience a loss of motive power while driving due to a commanded shift to neutral, most likely at highway speeds. This event most frequently occurs during the 7th-8th gear shift due to a sticking clutch valve that will prevent the dog clutch from releasing. If the vehicle should experience this condition					
	The affected part number 13538506546 relates to the FUEL RAIL-INJECTOR FUEL LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMXT03.0N57, BMW decided a warranty extension to full useful life (10 years / 120,000mils) (please see EDIR-GJ-N57-0325). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL-INJECTOR FUEL LINE is/was working properly	8/31/2017	7/30/2018		3366	552
2201	and has/had no malfunction.					

	A	B	C	D	E	F	G	H	I	J	K	L
2202	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	
2203	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	
2204	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	
2205	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i xDrive	
2206	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	24 sDrive30i	
2207	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive Gran Turismo	

	M	N	O	P
2202		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
2203		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System
2204		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
2205		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
2206		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
2207		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
2208	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
2209	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
2210	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e xDrive	
2211	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	
2212	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
2213	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X7 xDrive40i	

	M	N	O	P
2208		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
2209		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
2210		JBMXV02.0H30	2018	On-Board Diagnostic (OBD) System
2211		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
2212		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System
2213		KBMXT03.0B07	2019	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
2214	BMW	BMX	New Submission	Submitted	2/15/2019 7:44:07		BMX-DR-2019-0000139	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
2215	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/19/2019 13:40:57		NSX-DR-2019-0000117	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	TITAN 4WD PRO 4X	
2216	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental Supersports Convrt	
2217	FCA US LLC	CRX	New Submission	Submitted	3/13/2019 12:06:40		CRX-DR-2019-0000200	Defect Report	DR - On-Board Diagnostic (OBD) System			
2218	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:55:20		GMX-DR-2019-0000533	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Chevrolet	MALIBU	
2219	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:59:37		GMX-DR-2019-0000515	Defect Report	DR - Crankcase Ventilation System			
2220	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:59:37		GMX-DR-2019-0000515	Defect Report	DR - Crankcase Ventilation System			
2221	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 13:35:32		KMX-DR-2019-0000635	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Niro	
2222	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 13:35:32		KMX-DR-2019-0000635	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Ioniq Blue	
2223	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4X2	
2224	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 Classic 4X2	
2225	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	

	M	N	O	P
2214		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2215		HN5XT05.6N9A	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
2216		DREXV06.0501	2013	Exhaust System (Other than EGR and Catalyst Systems)
2217		ECRXV06.45P0	2014	On-Board Diagnostic (OBD) System
2218		JGMXV01.5002	2018	Air Inlet System (Including Turbo and Superchargers)
2219		GGMXJ02.4199	2016	Crankcase Ventilation System
2220		HGMXT02.4151	2017	Crankcase Ventilation System
2221		JKMXV01.6043	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2222		JKMXV01.6043	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2223		ECRXT05.75P0	2014	Exhaust System (Other than EGR and Catalyst Systems)
2224		KCRXT05.75P2	2019	Exhaust System (Other than EGR and Catalyst Systems)
2225		ECRXV03.65P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2226	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
2227	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
2228	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima S	
2229	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	OPTIMAFE	
2230	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
2231	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	

	M	N	O	P
2226		BHYXV02.4YPC	2011	Electrical Wiring, Sensor, and Actuator Systems
2227		JHYXV02.4AJ3	2018	Electrical Wiring, Sensor, and Actuator Systems
2228		JHYXV02.4AJ5	2018	Electrical Wiring, Sensor, and Actuator Systems
2229		GHYXV02.0AHE	2016	Electrical Wiring, Sensor, and Actuator Systems
2230		HHYXV02.4AJP	2017	Electrical Wiring, Sensor, and Actuator Systems
2231		GHYXV02.4AJ4	2016	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS)that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			71360	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS)that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			36411	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS)that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			74480	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS)that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			283	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS)that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			56453	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS)that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			106504	0

	A	B	C	D	E	F	G	H	I	J	K	L
2232	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
2233	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
2234	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson AWD	
2235	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
2236	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
2237	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	

	M	N	O	P
2232		GHYXV02.4A44	2016	Electrical Wiring, Sensor, and Actuator Systems
2233		HHYXV02.41W5	2017	Electrical Wiring, Sensor, and Actuator Systems
2234		JHYXV02.01UF	2018	Electrical Wiring, Sensor, and Actuator Systems
2235		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
2236		FHYXV02.01VE	2015	Electrical Wiring, Sensor, and Actuator Systems
2237		FHYXV02.01VE	2015	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
2238	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
2239	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
2240	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima FE	
2241	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata Limited	
2242	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
2243	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	

	M	N	O	P
2238		FHYXV02.42JP	2015	Electrical Wiring, Sensor, and Actuator Systems
2239		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
2240		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
2241		GHYXV02.0AHE	2016	Electrical Wiring, Sensor, and Actuator Systems
2242		CHYXV02.4YW5	2012	Electrical Wiring, Sensor, and Actuator Systems
2243		HHYXV02.4AJP	2017	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
2244	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
2245	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 10:44:06		VGA-DR-2019-0000711	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Golf	
2246	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A7 quattro	
2247	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo Executive	
2248	Kia Motors Corporation	KMX	New Submission	Submitted	3/13/2019 16:23:28		KMX-DR-2019-0000206	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Rio	
2249	Jaguar Land Rover Limited	JLX	New Submission	Superseded	3/19/2019 10:05:43	7/19/2019 14:17:41	JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
2250	Jaguar Land Rover Limited	JLX	New Submission	Superseded	3/19/2019 10:05:43	7/19/2019 14:17:41	JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
2251	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 2:11:41		MBX-DR-2019-0000506	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2252	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 2:11:41		MBX-DR-2019-0000506	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2253	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2254	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			

	M	N	O	P
2244		GHYXV02.4A14	2016	Electrical Wiring, Sensor, and Actuator Systems
2245		FVGAV02.0VAL	2015	Selective Catalytic Reduction System
2246		GVGAV03.0A1E	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2247		KPRKV04.0PVB	2019	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2248		KKMKV01.6AA6	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2249		JJLXT03.0FSP	2018	On-Board Diagnostic (OBD) System
2250		JJLU03.0FSP	2018	On-Board Diagnostic (OBD) System
2251		HMBXT02.0U2A	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2252		GMBXT02.0U2A	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2253		FMBXT03.0U2A	2015	Air Inlet System (Including Turbo and Superchargers)
2254		CMBXT03.0U2B	2012	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			106504	0
	<p>Complaint: MIL and/or AdBlue inducement warning on. AdBlue leaking from engine compartment.</p> <p>DTCs Present: P20E8 (Reductant Pressure Too Low)</p> <p>Component: AdBlue Supply Line</p> <p>Part Number ? Production: SQ0 131 984 E</p> <p>SC0 131 984 B</p> <p>561 131 984 D</p> <p>Part Number ? Analysis: SQ0 131 984 E</p> <p>SC0 131 984 B</p> <p>561 131 984 D</p> <p>Part Number ? Replacement: SQ0 131 984 E</p> <p>SC0 131 984 B</p> <p>561 131 984 D</p> <p>Analysis: Leak at welded joint near the quick connector (to AdBlue Dosing Injector) due to glue residue contamination on the AdBlue supply line during manufacturing.</p> <p>Consequential replacement of the dosing injector (04L 131 113 Q) due to damage incurred from a supply line leak or improper diagnosis of the leak source. AdBlue residue forming at injector flange.</p>			36485	7654
	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): PVGAV03.0AUE: 06E130089AA, 06E130090AD; GVGAV03.0AUE: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AUE: 06E130089Q, 06E130090T; JVGAI03.0AUE: 06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement: 06E1982018 (includes: left fuel rail 06E 133 681 L and right fuel rail 06E 133 682 C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>PVGAV03.0AUE: 06E130089AA, 06E130090AD; GVGAV03.0AUE: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AUE: 06E130089Q, 06E130090T; JVGAI03.0AUE: 06E130089AH, 06E130090AL.</p> <p>Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.</p> <p>On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p>	5/1/2018	4/30/2019	22379 129	22379 0
	<p>2019 model year KIA Rio equipped with 1.6L engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for modeling temperature of the engine coolant data in ECU that has a difference of the temperature between modeling data of the engine coolant and the actual engine coolant data. To correct this problem, Kia will reprogram the ECU data.</p> <p>The Evaporative Emissions Leak Monitor diagnostic completion ratio can be overstated due to a miscalculation of the denominator value. The completion ratio identifies when the indicated diagnostic 'should' have completed versus when it did. The evaluation did not increment the denominator beyond a value of 1.</p> <p>The Evaporative Emissions Leak Monitor diagnostic completion ratio can be overstated due to a miscalculation of the denominator value. The completion ratio identifies when the indicated diagnostic 'should' have completed versus when it did. The evaluation did not increment the denominator beyond a value of 1.</p> <p>Due to a possible use of an unsuitable tool for fixing the clamp on the hose in the US vehicle reassembly plant, the affected vehicles could show a minor fuel leakage at the lower connecting point of the transition hose, between the underbody fuel line and the Schrader valve. In this case, fuel leakage in the presence of a potential ignition source within the engine compartment could create a fire hazard.</p> <p>Due to a possible use of an unsuitable tool for fixing the clamp on the hose in the US vehicle reassembly plant, the affected vehicles could show a minor fuel leakage at the lower connecting point of the transition hose, between the underbody fuel line and the Schrader valve. In this case, fuel leakage in the presence of a potential ignition source within the engine compartment could create a fire hazard.</p>			10701 23148 11875 3510 8873	11 23148 11875 139 1013
	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			4420	9
	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			7216	157

	A	B	C	D	E	F	G	H	I	J	K	L
2255	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2257												
2257	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2258	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2259	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:46:03		NSX-DR-2019-0000194	Defect Report	DR - Catalyst System			
2256	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2257	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2258	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2259	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:46:03		NSX-DR-2019-0000194	Defect Report	DR - Catalyst System			
2260	Mercedes Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000320	Defect Report	DR - Selective Catalytic Reduction System			
2261	General Motors LLC	GMX	New Submission	Submitted	3/12/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2262	General Motors LLC	GMX	New Submission	Submitted	3/12/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2263	General Motors LLC	GMX	New Submission	Submitted	3/12/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2264	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2265	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2266	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2267	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2268	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2269	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2270	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2271	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2272	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2273	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2274	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2275	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2276	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2277	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2278	Audi	ADX	New Submission	Submitted	8/12/2019 15:05:28		ADX-DR-2019-0000631	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
2279	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/7/2019 10:47:36		NSX-DR-2019-0000193	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2280	BMW	BMX	New Submission	Submitted	9/2/2019 11:40:48		BMX-DR-2019-0000620	Defect Report	DR - Hybrid Vehicle System			
2281	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System			
2282	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System			
2283	Kia Motors Corporation	KMX	New Submission	Submitted	8/15/2019 11:02:55		KMX-DR-2019-0000641	Defect Report	DR - On-Board Diagnostic (OBD) System			
2284	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:37:13		HYX-DR-2019-0000643	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			

	M	N	O	P
2255		BMBKT03.0U2A	2011	Air Inlet System (Including Turbo and Superchargers)
2256		FBMXV03.0N57	2015	Electrical Wiring, Sensor, and Actuator Systems
2257		JGMXV02.5050	2018	Electrical Wiring, Sensor, and Actuator Systems
2258		HGMXV03.6165	2017	Electrical Wiring, Sensor, and Actuator Systems
2259		KNSXV02.58PA	2019	Catalyst System
2260		AMBXT03.0HD1	2010	Selective Catalytic Reduction System
2261		HGMXT05.3384	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2262		HGMXT05.3383	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2263		GGMXT05.3384	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2264		ECRXV05.75P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2265		ECRXV02.4CP0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2266		HCRT02.45P4	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2267		FCRXV02.4CP0	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2268		GCRXV02.45P5	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2269		FCRXV05.75P1	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2270		HCRT03.65PB	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2271		FCRXV02.45P4	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2272		FCRXV06.45P1	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2273		ECRXV05.75P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2274		GCRXV03.65PA	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2275		GCRXV03.65PB	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2276		ECRXV02.45P1	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2277		ECRXV02.45P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2278		EADXV03.04UG	2014	Exhaust Gas Recirculation (EGR) System
2279		KNSXT02.0PVA	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2280		KBMXV00.613R	2019	Hybrid Vehicle System
2281		JKMXV01.6043	2018	On-Board Diagnostic (OBD) System
2282		KKMXV01.6L13	2019	On-Board Diagnostic (OBD) System
2283		KKMXV02.0CE5	2019	On-Board Diagnostic (OBD) System
2284		FHYXV03.81PE	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
2285	FCA US LLC	CRX	Correction	Submitted	3/22/2019 7:54:58		CRX-DR-2019-0000217	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	
2286	FCA US LLC	CRX	Correction	Submitted	3/22/2019 7:54:58		CRX-DR-2019-0000217	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica PHEV	
2287	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 14:56:41		KMX-DR-2019-0000638	Defect Report	DR - Catalyst System	KIA	Soul	
2288	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 AWD	
2289	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/26/2019 15:44:39		JLX-DR-2019-0000665	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
2290	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A6	
2291	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A5 quattro	
2292	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A4 quattro	

	M	N	O	P
2285		HCRXT03.6SP0	2017	On-Board Diagnostic (OBD) System
2286		HCRXT03.6SP0	2017	On-Board Diagnostic (OBD) System
2287		FKMXV01.6DBE	2015	Catalyst System
2288		JNSXT03.5P7A	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2289		KJLXT02.0RTV	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2290		EADKV02.03UB	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2291		EADXJ02.0FUB	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2292		EADXJ02.0FUB	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
	<p>In Voluntary Safety Recall U73, some 2017-2018 MY Chrysler Pacifica PHEV vehicles contain Powertrain Control ("PCM") Software that does not remove positive torque requests from the engine controller if the CAN-C bus stops communicating while the cruise control is requesting positive torque. In the instance of a short in the vehicle causing the CAN-C bus to stop communicating while the cruise control is active and the vehicle speed is below the set speed such that the cruise control system is requesting positive torque at the exact moment of the short, it is possible for a positive torque request to be locked on the PCM which may result in either the vehicle maintaining its current speed or possibly accelerating. If the driver does not shift to neutral or apply the brakes to stop the vehicle this condition can cause a vehicle crash without warning.</p> <p>2285 The vehicles noted above may also have Battery Pack Control Module ("BPCM") software that allows Permanent Fault Codes ("PFC") to clear immediately after a Mode \$04 is executed.</p>			3324	3324
	<p>In Voluntary Safety Recall U73, some 2017-2018 MY Chrysler Pacifica PHEV vehicles contain Powertrain Control ("PCM") Software that does not remove positive torque requests from the engine controller if the CAN-C bus stops communicating while the cruise control is requesting positive torque. In the instance of a short in the vehicle causing the CAN-C bus to stop communicating while the cruise control is active and the vehicle speed is below the set speed such that the cruise control system is requesting positive torque at the exact moment of the short, it is possible for a positive torque request to be locked on the PCM which may result in either the vehicle maintaining its current speed or possibly accelerating. If the driver does not shift to neutral or apply the brakes to stop the vehicle this condition can cause a vehicle crash without warning.</p> <p>2286 The vehicles noted above may also have Battery Pack Control Module ("BPCM") software that allows Permanent Fault Codes ("PFC") to clear immediately after a Mode \$04 is executed.</p>			3324	3324
	<p>Some 2015 model year Rio/Soul vehicles equipped with 1.6 liter engines have experienced a malfunction indicator lamp (MIL) illumination with the diagnostic trouble code P0420, indicating a catalyst system. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection (COP) logic, could be a cause of this issue.</p> <p>2287 To improve this matter, Kia has been reprogramming the ECU data with improved COP condition to protect and replace the catalyst converter on vehicles with malfunctioning indicator light (MIL) illumination (diagnostic trouble code P0420) through a dealer service campaign since April 2019.</p> <p>2288 On some 2017-2018 Nissan Pathfinder and Infiniti QX60 vehicles, customers are experiencing MIL illumination related to low fuel system pressure (P0087), when a problem does not exist. Nissan has investigated and found that, under certain conditions (fuel level below 1/2 tank), the low fuel system pressure is detected because the low fuel level was not properly stored as part of the mo</p>			83698 87934	479 53
	<p>Excessive wear on internal component of the Intake Variable Camshaft Timing Solenoid may lead to premature failure of the solenoid. As component wears correct operation of the solenoid may be affected leading to Malfunction Indicator Light (MIL) illumination. Where wear is sufficient to prevent correct operation, MIL illumination will occur.</p> <p>2289 Excessive wear has been attributed to internal component material selection of bronze graphite.</p>			19217	10
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present:Not applicable Component:ECM Software Update Part Number ? 19M1:8R1 907 115 P_0002 8K5 907 115 M_0004 8K5 907 115 M_0005 4G0 907 115 N/P_0005 8R1 907 115 B_0006 8K5 907 115 C_0007 8K5 907 115 F_0008</p> <p>Part Number ? Replacement:8K5 907 115 N_0003 8R1 907 115 L_0003 4G0 907 115 N_0003 4G0 907 115 P_0003 8K5 907 115 M_0003 8K5 907 115 Q_0001 8R1 907 115 N_0001 8K5 907 115 P_0001</p> <p>Part Number ? Analysis:Not applicable</p> <p>2290 Analysis:In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.</p>			21447	10462
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present:Not applicable Component:ECM Software Update Part Number ? 19M1:8R1 907 115 P_0002 8K5 907 115 M_0004 8K5 907 115 M_0005 4G0 907 115 N/P_0005 8R1 907 115 B_0006 8K5 907 115 C_0007 8K5 907 115 F_0008</p> <p>Part Number ? Replacement:8K5 907 115 N_0003 8R1 907 115 L_0003 4G0 907 115 N_0003 4G0 907 115 P_0003 8K5 907 115 M_0003 8K5 907 115 Q_0001 8R1 907 115 N_0001 8K5 907 115 P_0001</p> <p>Part Number ? Analysis:Not applicable</p> <p>2291 Analysis:In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.</p>			62261	33436
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present:Not applicable Component:ECM Software Update Part Number ? 19M1:8R1 907 115 P_0002 8K5 907 115 M_0004 8K5 907 115 M_0005 4G0 907 115 N/P_0005 8R1 907 115 B_0006 8K5 907 115 C_0007 8K5 907 115 F_0008</p> <p>Part Number ? Replacement:8K5 907 115 N_0003 8R1 907 115 L_0003 4G0 907 115 N_0003 4G0 907 115 P_0003 8K5 907 115 M_0003 8K5 907 115 Q_0001 8R1 907 115 N_0001 8K5 907 115 P_0001</p> <p>Part Number ? Analysis:Not applicable</p> <p>2292 Analysis:In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.</p>			62261	33436

	A	B	C	D	E	F	G	H	I	J	K	L
2293	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2294	Ford Motor Company	FMX	New Submission	Submitted	9/9/2019 14:21:08		FMX-DR-2019-0000686	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2295	Ford Motor Company	FMX	New Submission	Submitted	9/9/2019 14:21:08		FMX-DR-2019-0000686	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2296	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo	4L
2297	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4	3L
2298	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera S Cabriolet	3L
2299	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4 GT5 Cabriolet	3L
2300	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera T	3L
2301	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera	3L
2302	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera Cabriolet	3L
2303	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Targa 4	3L
2304	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera GT5 Cabriolet	3L
2305	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4 GT5	3L
2306	Lotus Cars Ltd	LTX	New Submission	Superseded	9/16/2019 7:49:13	9/17/2019 3:18:00	LTX-DR-2019-0000704	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Lotus	Evora	
2307	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2308	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2309	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
2310	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
2311	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
2312	Subaru Corporation	FIJ	New Submission	Submitted	9/5/2019 16:05:44		FIJ-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	FORESTER	
2313	Subaru Corporation	FIJ	New Submission	Submitted	9/5/2019 16:05:44		FIJ-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	WRX	
2314	Subaru Corporation	FIJ	New Submission	Submitted	9/5/2019 16:05:44		FIJ-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	FORESTER	
2315	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC90 AWD	
2316	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC90 FWD	
2317	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 AWD	
2318	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC60 AWD	
2319	Subaru Corporation	FIJ	New Submission	Submitted	9/5/2019 16:27:16		FIJ-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	LEGACY	
2320	Jaguar Land Rover Limited	ILX	New Submission	Submitted	9/5/2019 16:49:31	9/11/2019 9:21:36	ILX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2321	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera	3L
2322	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S HARDTOP 2 DOOR	
2323	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S COUNTRYMAN	
2324	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CLUBMAN	
2325	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER COUNTRYMAN ALL4	
2326	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS CONVERTIBLE	
2327	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS HARDTOP	
2328	Mazda Motor Corporation	TKX	New Submission	Submitted	2/7/2019 23:12:58		TKX-DR-2019-0000056	Defect Report	DR - On-Board Diagnostic (OBD) System	MAZDA	MX-5	

	A	B	C	D	E	F	G	H	I	J	K	L
2329	Kia Motors Corporation	KMX	Correction	Submitted	2/18/2019 14:36:51		KMX-DR-2019-0000154	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
2330	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	4/16/2019 12:26:36		HNX-DR-2019-0000276	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	ODYSSEY FWD	
2331	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	4/24/2019 12:40:13		NSX-DR-2019-0000283	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA	
2332	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	7/23/2019 12:20:06	7/23/2019 13:10:06	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Atlas 4Motion	
2333	Volkswagen Group of America, Inc.	VGA	Correction	Superseded	7/23/2019 13:10:06	8/5/2019 14:23:10	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A7 quattro	
2334	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	7/26/2019 14:54:04		HNX-DR-2019-0000573	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX 2WD	3.5L
2335	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger SRT8	
2336	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	
2337	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	
2338	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X4	
2339	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
2340	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	300	
2341	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee FWD	
2342	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Journey AWD	
2343	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	TT Coupe quattro	
2344	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Beetle Convertible	
2345	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta	
2346	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/9/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX 2WD	

	M	N	O	P
2329		HKMXV01.6D43	2017	On-Board Diagnostic (OBD) System
2330		JHNXT03.5M33	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2331		KNSXV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2332		KVGAT03.6VAS	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2333		KVGAV03.0N7N	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2334		GHNXV03.5RA3	2016	On-Board Diagnostic (OBD) System
2335		GCRXV06.25P3	2016	Exhaust Gas Recirculation (EGR) System
2336		GCRXT05.75P1	2016	Exhaust Gas Recirculation (EGR) System
2337		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
2338		HCRXT03.65P8	2017	Exhaust Gas Recirculation (EGR) System
2339		GCRXT03.65P0	2016	Exhaust Gas Recirculation (EGR) System
2340		HCRXV05.75P0	2017	Exhaust Gas Recirculation (EGR) System
2341		GCRXJ03.65P3	2016	Exhaust Gas Recirculation (EGR) System
2342		GCRXJ03.65P3	2016	Exhaust Gas Recirculation (EGR) System
2343		KVGAJ02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2344		KVGAV02.0V3R	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2345		KVGAV01.4V1P	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2346		GHNXV03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
2347	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
2348	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	TIGUAN	
2349	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
2350	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3	
2351	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2352	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2353	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2354	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2355	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2356	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2357	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2358	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2359	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
2360	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2361	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
2347		FVGAV02.0VPD	2015	On-Board Diagnostic (OBD) System
2348		EVWXI02.03UA	2014	On-Board Diagnostic (OBD) System
2349		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
2350		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
2351		GMBXT05.SU2A	2016	On-Board Diagnostic (OBD) System
2352		HMBXT03.0HY1	2017	On-Board Diagnostic (OBD) System
2353		GMBXT03.0HY1	2016	On-Board Diagnostic (OBD) System
2354		GMBXV02.0HY1	2016	On-Board Diagnostic (OBD) System
2355		GMBXV03.SU2A	2016	On-Board Diagnostic (OBD) System
2356		FMBXV03.SU2C	2015	On-Board Diagnostic (OBD) System
2357		FMBX03.5S2A	2015	On-Board Diagnostic (OBD) System
2358		HMBXV05.SU2A	2017	On-Board Diagnostic (OBD) System
2359		GMBXV05.SU2A	2016	On-Board Diagnostic (OBD) System
2360		CMBXT03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
2361		DMBXV03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U	
	<p>Analysis is determined software list above calibrations within this report have one of the following concerns:</p> <p>-Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group 06J906027HE_8480506J906027HE_8226ECMPVGA02.0VUE 06K906071AJ_244506K997071B_9350ECMPVGA02.0VBD 06K906071BS_451306K997071B_9350ECMPVGA02.0VBD 06K906071D_765306K997071D_9369ECMPVGA02.0VBD 06K906071AB_810106K997071E_9370ECMPVGA02.0VPD 06K906071AH_244606K997071C_9351ECMPVGA02.0VPD 06K906071B_809906K997071C_9351ECMPVGA02.0VPD 06K906071E_686306K997071C_9351ECMPVGA02.0VPD 06K906071E_901306K997071E_9370ECMPVGA02.0VPD 06K906071J_810306K997071G_9372ECMPVGA02.0VPD 06K906071P_633806K997071J_9357ECMPVGA02.0VPD 06K906071T_811306K997071E_9370ECMPVGA02.0VPD 06K997071F_298006K997071G_9372ECMPVGA02.0VPD 09G927749D_269709G927749A_3135TCMPVGA02.0VPD 06G906055AG_437106G906055AG_1403ECMPVGA02.0VUC 06K906071AS_067506K906071AS_4875ECMGVGA02.0VBD 06K906071AF_236006K906071AG_4870ECMGVGA02.0VPD 06K906071AT_067406K906071AT_4876ECMGVGA02.0VPD 2347 06K906071BJ_297306K906071AG_4870ECMGVGA02.0VPD</p>				17	17
	<p>Analysis is determined software list above calibrations within this report have one of the following concerns:</p> <p>-Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group 06J997029D_150906J997029D_1509ECMDVWX02.03UA 06J997029E_151006J997029B_1507ECMDVWX02.03UA 04E906023_423104E906023_7928ECM DVXWV01.4PHE 04E906023_468904E906023_7928ECM DVXWV01.4PHE 04E906023_492004E906023_7928ECM DVXWV01.4PHE 04E906023_503704E906023_7928ECM DVXWV01.4PHE 0C6300045D_47010C6300045F_9307TCMDVWXV01.4PHE 06J906027FD_324806J997029J_1514ECM DVXWV02.03PA 02E300058P_351002E300058P_3509TCMDVWXV02.03PA 02E300053M_009902E300058N_3509TCMDVWXV02.03PA 02E300058N_347602E300058N_3509TCMDVWXV02.03PA 02E300058N_350802E300058N_3521TCMDVWXV02.03PA 09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A 06K906070A_487806K906070AA_9347ECM DVXWV02.0BSF 09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59 09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59 09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59 07K906055CS_434107K906055CS_5853ECM DVXWV02.5M59 2348 03H906023AJ_390603H906023BE_3908ECM DVXWV03.6U46</p>				1	1
	<p>Analysis is determined software list above calibrations within this report have one of the following concerns:</p> <p>-Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group 06J997029D_150906J997029D_1509ECMDVWX02.03UA 06J997029E_151006J997029B_1507ECMDVWX02.03UA 04E906023_423104E906023_7928ECM DVXWV01.4PHE 04E906023_468904E906023_7928ECM DVXWV01.4PHE 04E906023_492004E906023_7928ECM DVXWV01.4PHE 04E906023_503704E906023_7928ECM DVXWV01.4PHE 0C6300045D_47010C6300045F_9307TCMDVWXV01.4PHE 06J906027FD_324806J997029J_1514ECM DVXWV02.03PA 02E300058P_351002E300058P_3509TCMDVWXV02.03PA 02E300053M_009902E300058N_3509TCMDVWXV02.03PA 02E300058N_347602E300058N_3509TCMDVWXV02.03PA 02E300058N_350802E300058N_3521TCMDVWXV02.03PA 09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A 06K906070A_487806K906070AA_9347ECM DVXWV02.0BSF 09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59 09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59 09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59 07K906055CS_434107K906055CS_5853ECM DVXWV02.5M59 2349 03H906023AJ_390603H906023BE_3908ECM DVXWV03.6U46</p>				4	4
2350	ComplaintNo known customer complaints DTCs PresentP220A ? Sensor Supply P2200 ? Open circuit (sensor wire) P2201 ? NOx Offset signal range check low/high P204F ? Monitoring of NOx Conversion efficiency ComponentNOx Sensor Initial Service Replacement Part Number04L-907-807-AD Subsequent Service Replacement Part Number04L-907-807-AD Analysis isForty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases ? oxygen content, could trigger a deviation in the Sensor's signal and cause a MIL-on condition.				46	0
2351	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				2001	0
2352	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				384	0
2353	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				179	0
2354	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				444	0
2355	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				23506	0
2356	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				12231	0
2357	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				15877	0
2358	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				15786	0
2359	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				18742	0
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1)The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2)An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>				5755	21
2360						
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1)The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2)An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>				438	24
2361						

	A	B	C	D	E	F	G	H	I	J	K	L
2362	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2363	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:00:32	4/24/2019 12:40:13	NSX-DR-2019-0000283	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA SR/PLATINUM	
2364	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 5:20:49		MBX-DR-2019-0000484	Defect Report	DR - Catalyst System			
2365	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/30/2019 6:47:12		VGA-DR-2019-0000055	Defect Report	DR - Catalyst System	Volkswagen	Atlas 4Motion	
2366	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Audi	A8	
2367	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Audi	R57	
2368	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/13/2019 12:10:40		HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
2369	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/13/2019 12:10:40		HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
2370	BMW	BMX	Correction	Submitted	1/29/2019 10:30:53		BMX-DR-2019-0000014	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
2371	BMW	BMX	New Submission	Superseded	7/2/2019 6:18:05	7/4/2019 3:05:05	BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	M850i xDrive Coupe	
2372	FCA US LLC	CRX	New Submission	Superseded	8/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			

	M	N	O	P
2362		FMBXT02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
2363		KNSXV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2364		KMBXT05.5U2A	2019	Catalyst System
2365		JVGAT03.6VAS	2018	Catalyst System
2366		EADKV04.03UJ	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2367		EADKV04.03UJ	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2368		JHNKV03.08H3	2018	On-Board Diagnostic (OBD) System
2369		KHNKV03.0AH3	2019	On-Board Diagnostic (OBD) System
2370		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2371		KBMXJ04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2372		ECRXTE3.6SP0	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p> <p>2362 On some 2019 Nissan Altima vehicles, the fuel pump lock ring that secures the fuel pump module to the fuel tank may have been installed incorrectly during production. More specifically, the lock ring may not have been completely engaged during re-installation following offline rework at the supplier. If the fuel pump lock ring is re</p> <p>2364 Daimler AG has determined that certain GLE- and GLS-Class vehicles (166 and 292 platforms) might have been equipped with incorrect catalytic converters due to limitations on part inventory management systems in place at the relevant plant. In this case, the vehicles might not comply with the certified configuration in the COC application and/or applicable emissions standards. This v</p>				
		2/20/2019	3/1/2019	3426	12
				8100	347
				27	27
	<p>Complaint:MIL on DTCs Present:P0420 Catalyst System, Bank 1 Efficiency Below Threshold Component:Catalyst Part Number - Production:3QF 253 059 Part Number - Replacement:3QF 254 500 DX Part Number - Analysis 3QF 253 059 Analysis:39x washcoat breakdown in various degrees depending on Catalyst production batch ~74% of the claims are from batches 6 and 18, which mostly correlate to vehicle production-months of April and October 2017</p> <p>Root cause: a. High washcoat thermal stress due to ECM software application b. Inadequate washcoat adhesion due to production-process variations</p>			6000	504
	<p>Complaint: Coolant warning / MIL on; DTCs Present:P2181 ? Cooling System Performance; P0597 ? Electrical Thermostat, Circuit Open; P0599 ? Electrical Thermostat, Circuit Short to Voltage;</p> <p>Component:Thermostat Part Number ? Production:079.121.115.AQ; Part Number ? Replacement:079.121.115.BD; Part Number ? Analysis:079.121.115.AQ; Analysis:The ECM will set P2181 if the measured engine temperature does not reach the value within the timing map. Particles from the production process contaminating the cooling system affect the closing of the thermostat;</p> <p>55xParticle at seal seat within the thermostat; 6xThermostat sealing out of position; 6xPin for heater element deformed due to electrical overstress;</p>			144	126
	<p>Complaint: Coolant warning / MIL on; DTCs Present:P2181 ? Cooling System Performance; P0597 ? Electrical Thermostat, Circuit Open; P0599 ? Electrical Thermostat, Circuit Short to Voltage;</p> <p>Component:Thermostat Part Number ? Production:079.121.115.AQ; Part Number ? Replacement:079.121.115.BD; Part Number ? Analysis:079.121.115.AQ; Analysis:The ECM will set P2181 if the measured engine temperature does not reach the value within the timing map. Particles from the production process contaminating the cooling system affect the closing of the thermostat;</p> <p>55xParticle at seal seat within the thermostat; 6xThermostat sealing out of position; 6xPin for heater element deformed due to electrical overstress;</p>			144	126
	<p>2362 Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient and below the In Use Performance Ratio (IUPR) requirements.</p> <p>2363 Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient and below the In Use Performance Ratio (IUPR) requirements.</p>	1/30/2018 8/1/2018	7/16/2018 6/26/2019	1324 1496	0 0
	<p>The affected part number 11617801943 relates to the VENTURI TO THROTTLE O-RING (PROFILE GASKET). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMX03.0NS7, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-AS7/N47.0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component VENTURI TO THROTTLE O-RING (PROFILE GASKET) is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
	<p>Wrong screwing/Connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario:</p> <p>During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018	6/4/2019	100 281077	100 3474
	<p>2371 Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.</p>				

	A	B	C	D	E	F	G	H	I	J	K	L
2373	Kia Motors Corporation	KMX	Correction	Submitted	5/22/2019 11:38:13		KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte FE	
2374	Kia Motors Corporation	KMX	Correction	Submitted	5/22/2019 11:38:13		KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
2375	Kia Motors Corporation	KMX	Correction	Submitted	5/22/2019 11:38:13		KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
2376	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Optima	
2377	Mercedes Benz	MBX	New Submission	Submitted	5/24/2019 1:45:29		MBX-DR-2019-0000362	Defect Report	DR - Diesel Particulate Filter System			
2378	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A7 quattro	
2379	BMW	BMX	Correction	Submitted	1/29/2019 10:38:10		BMX-DR-2019-0000017	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
2380	BMW	BMX	New Submission	Submitted	7/18/2019 9:01:09		BMX-DR-2019-0000526	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
2381	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			

	M	N	O	P
2373		KKMXV02.0CE3	2019	On-Board Diagnostic (OBD) System
2374		KKMXV02.0CE5	2019	On-Board Diagnostic (OBD) System
2375		JKMXV02.04E5	2018	On-Board Diagnostic (OBD) System
2376		KKMXV02.0DG5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2377		DMBXT02.2U2A	2013	Diesel Particulate Filter System
2378		GVGA003.0NU4	2016	On-Board Diagnostic (OBD) System
2379		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2380		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2381		HVVX002.0U3T	2017	Catalyst System

	A	B	C	D	E	F	G	H	I	J	K	L
2382	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
2383	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/13/2019 10:17:20		VGA-DR-2019-0000129	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	Volkswagen	Jetta	
2384	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A7 quattro	
2385	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A7 quattro	
2386	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A6 quattro	
2387	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Touareg	
2388	Jaguar Land Rover Limited	JLX	Correction	Submitted	7/19/2019 14:17:41		JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
2389	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
2382		GVVXT02.0F3T	2016	Catalyst System
2383		KVGAV01.4V1P	2019	Heating, Ventilation, and Air Conditioning (HVAC) System
2384		GVGAJ03.0NU4	2016	On-Board Diagnostic (OBD) System
2385		FVGAI03.0NU4	2015	On-Board Diagnostic (OBD) System
2386		FVGAI03.0NU4	2015	On-Board Diagnostic (OBD) System
2387		FVGAT03.0NU2	2015	On-Board Diagnostic (OBD) System
2388		JJLXT03.0FSP	2018	On-Board Diagnostic (OBD) System
2389		EJLXV03.0FSF	2014	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<div>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</div> <div>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</div> <div>If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</div>				
2382				2183	2183
2383	<div>Complaint:Start-Stop feature is inactive when the climate control system is active.</div> <div>DTCs Present:No DTCs</div> <div>Component:Rain/Light/Humidity Sensor</div> <div>Part Number ? Production:SQ0955478</div> <div>Part Number ? Replacement:SQ0955478</div> <div>Part Number ? Analysis:8U0955559</div> <div>Analysis:An incorrect sensor for the application was installed in the affected vehicles during production, which causes the Start-Stop feature to not activate when the climate control system is on.</div>			6960	6960
2384	<div>Various PVE [J](2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</div> <div>DTCs Present:No Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</div> <div>Following application of the Approved Emissions Modification (AEM), PVE[J](2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</div> <div>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</div> <div>Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014</div> <div>Gen 2.2 SUVfourreg20157P1907401C 0007 AVAB7P1907401C 0010</div> <div>Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.2 SUVfourreg20167P1907401C 0007 AVAB7P1907401C 0010</div>			3202	3202
2385	<div>Various PVE [J](2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</div> <div>DTCs Present:No Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</div> <div>Following application of the Approved Emissions Modification (AEM), PVE[J](2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</div> <div>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</div> <div>Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014</div> <div>Gen 2.2 SUVfourreg20157P1907401C 0007 AVAB7P1907401C 0010</div> <div>Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.2 SUVfourreg20167P1907401C 0007 AVAB7P1907401C 0010</div>			6970	6970
2386	<div>Various PVE [J](2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</div> <div>DTCs Present:No Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</div> <div>Following application of the Approved Emissions Modification (AEM), PVE[J](2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</div> <div>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</div> <div>Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014</div> <div>Gen 2.2 SUVfourreg20157P1907401C 0007 AVAB7P1907401C 0010</div> <div>Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.2 SUVfourreg20167P1907401C 0007 AVAB7P1907401C 0010</div>			6970	6970
2387	<div>Various PVE [J](2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</div> <div>DTCs Present:No Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</div> <div>Following application of the Approved Emissions Modification (AEM), PVE[J](2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</div> <div>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</div> <div>Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016</div> <div>Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014</div> <div>Gen 2.2 SUVfourreg20157P1907401C 0007 AVAB7P1907401C 0010</div> <div>Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012</div> <div>Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009</div> <div>Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010</div> <div>Gen 2.2 SUVfourreg20167P1907401C 0007 AVAB7P1907401C 0010</div>			1834	1834
2388	The Evaporative Emissions Leak Monitor diagnostic completion ratio can be overstated due to a miscalculation of the denominator value. The completion ratio identifies when the indicated diagnostic 'should' have completed versus when it did. The evaluation did not increment the denominator beyond a value of 1.			23148	23148
2389	<div>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</div> <div>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</div>			2116	607

	A	B	C	D	E	F	G	H	I	J	K	L
2390	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2391	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2392	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2393	General Motors LLC	GMX	New Submission	Submitted	2/15/2019 15:18:17		GMX-DR-2019-0000112	Defect Report	DR - On-Board Diagnostic (OBD) System	Buick	CASCADA	
2394	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 2Dr	
2395	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 2Dr	
2396	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 2Dr	
2397	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 2Dr	
2398	Audi	ADX	New Submission	Superseded	1/29/2019 21:46:10	1/29/2019 22:43:31	ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	57	
2399	Mercedes Benz	MBX	New Submission	Submitted	7/24/2019 13:10:32		MBX-DR-2019-0000552	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2400	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Clubman	
2401	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works	

	M	N	O	P
2390		FJLXV03.0FSM	2015	Electrical Wiring, Sensor, and Actuator Systems
2391		FJLXT05.0003	2015	Electrical Wiring, Sensor, and Actuator Systems
2392		EJLXT05.0003	2014	Electrical Wiring, Sensor, and Actuator Systems
2393		KGMXV01.6001	2019	On-Board Diagnostic (OBD) System
2394		KHNXV01.5GH2	2019	On-Board Diagnostic (OBD) System
2395		KHNXV01.52L2	2019	On-Board Diagnostic (OBD) System
2396		KHNXV02.0DH3	2019	On-Board Diagnostic (OBD) System
2397		KHNXV02.0CL3	2019	On-Board Diagnostic (OBD) System
2398		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
2399		GMBXT02.1U2A	2016	Electrical Wiring, Sensor, and Actuator Systems
2400		CBMXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2401		CBMXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>2390 Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC's), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			2425	885
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>2391 Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC's), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			10792	1845
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>2393 Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC's), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p> <p>2393 In certain vehicles the ECM does not properly respond to test tool requests for the Calibration Verification Numbers (CVN).</p> <p>2394 The OBD system may falsely detect a malfunction of the P0461 "Fuel Level Sensor (Rationality)" in a certain condition.</p> <p>2395 The OBD system may falsely detect a malfunction of the P0461 "Fuel Level Sensor (Rationality)" in a certain condition.</p> <p>2396 The OBD system may falsely detect a malfunction of the P0461 "Fuel Level Sensor (Rationality)" in a certain condition.</p> <p>2397 The OBD system may falsely detect a malfunction of the P0461 "Fuel Level Sensor (Rationality)" in a certain condition.</p>			9204 256 5467 2828 16211 14280	1942 256 3 2 103 90
	<p>Complaint MIL on, EPC indicator on</p> <p>DTCs Present P001100: Camshaft 7A?? (B1) Timing Over-advanced / System perform. P002100: Camshaft 7A?? (B2) Timing Over-advanced / System perform. P052A00: Cold Start, Camshaft 7A?? (B1) Timing Over-advanced P052C00: Cold Start, Camshaft 7A?? (B2) Timing Over-advanced</p> <p>Component Camshaft Adjuster Part Number - Production 06E109083Q (intake) 06E109084N (exhaust)</p> <p>Part Number - Replacement 06E109083N (intake) 06E109084N (exhaust)</p> <p>Part Number - Analysis 06E109083N (intake) 06E109084N (exhaust)</p> <p>Analysis 7 parts received / analyzed 5x06E109 083 N 7 internal locking pin of camshaft adjuster stuck 2x06E109 084 N 7 NTP</p> <p>Note: In the field, failure could not be clearly located between the intake and exhaust camshaft adjusters; therefore, both parts have been replaced at the same time.</p>			5957 1802	206 20
	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	6/30/2011	6/29/2012	1048	435
	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	6/30/2011	6/29/2012	1048	435

	A	B	C	D	E	F	G	H	I	J	K	L
2402	Audi	ADX	New Submission	Submitted	5/24/2019 14:11:01		ADX-DR-2019-0000363	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q5	
2403	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 11:55:58		HNX-DR-2019-0000064	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	ILX	
2404	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Jeep	Renegade 4x4	
2405	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	RAM	Promaster City	
2406	Kia Motors Corporation	KMX	Correction	Superseded	6/6/2019 11:05:18	6/6/2019 11:22:24	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger RWD	
2407	Kia Motors Corporation	KMX	Correction	Superseded	6/6/2019 11:05:18	6/6/2019 11:22:24	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
2408	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A7 quattro	
2409	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A7 quattro	
2410	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
2411	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	300	
2412	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger	
2413	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	
2414	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	
2415	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger	
2416	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	

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2402		EADXJ03.04UG	2014	On-Board Diagnostic (OBD) System
2403		KHNXV02.4KH3	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2404		GCRXT02.45P4	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2405		HCRXT02.45P0	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2406		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2407		JKMXV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2408		FVGAJ03.0NU4	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
2409		GVGAJ03.0NU4	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2410		GCRXT05.75P1	2016	Exhaust Gas Recirculation (EGR) System
2411		HCRXV05.75P0	2017	Exhaust Gas Recirculation (EGR) System
2412		HCRXV05.75P1	2017	Exhaust Gas Recirculation (EGR) System
2413		HCRXT05.75P1	2017	Exhaust Gas Recirculation (EGR) System
2414		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
2415		GCRXV05.75P1	2016	Exhaust Gas Recirculation (EGR) System
2416		HCRXT03.65P8	2017	Exhaust Gas Recirculation (EGR) System

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2417	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2418	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
2419	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
2420	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
2421	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
2422	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
2423	Kia Motors Corporation	KMX	Correction	Submitted	6/6/2019 11:22:24		KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sedona	

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2417		GILXV03.0F5P	2016	Electrical Wiring, Sensor, and Actuator Systems
2418		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2419		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2420		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2421		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2422		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2423		KKMXV03.3KJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2424	Kia Motors Corporation	KMX	Correction	Submitted	6/6/2019 11:22:24		KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
2425	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000236	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage FE AWD	
2426	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
2427	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
2428	Volvo Car USA, LLC	VVX	New Submission	Submitted	6/12/2019 10:15:13		VVX-DR-2019-0000432	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2429	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
2430	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
2431	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
2432	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
2433	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
2434	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
2435	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI FWD	
2436	Kia Motors Corporation	KMX	New Submission	Superseded	3/29/2019 16:54:33	5/22/2019 11:38:13	KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forté	
2437	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra SE	

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2424		JKM XV03.34KF	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2425		HKM XT02.44NS	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2426		ECRX T03.65P0	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2427		GCRX J03.65PA	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2428		KVX J02.0530	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2429		ASK XV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2430		ASK XV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2431		DSK XV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2432		DSK XV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2433		BSK XV2.395F1	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2434		BSK XV2.395F1	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2435		ASK XV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2436		JKM XV02.04E3	2018	On-Board Diagnostic (OBD) System
2437		KHY XV02.0CE5	2019	Ignition System

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2438	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra SE	
2439	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra	
2440	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra	
2441	Hyundai Motor Company	HYX	New Submission	Submitted	4/10/2019 16:55:15		HYX-DR-2019-0000268	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Elantra GT	
2442	BMW	BMX	New Submission	Submitted	6/28/2019 7:24:59		BMX-DR-2019-0000486	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
2443	Hyundai Motor Company	HYX	New Submission	Submitted	5/3/2019 17:41:02		HYX-DR-2019-0000319	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	VELOSTER	
2444	American Honda Motor Co., Inc.	HMX	Correction	Submitted	5/3/2019 18:30:45		HMX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX AWD A-SPEC	
2445	American Honda Motor Co., Inc.	HMX	Correction	Submitted	5/3/2019 18:30:45		HMX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX FWD A-SPEC	
2446	American Honda Motor Co., Inc.	HMX	Correction	Submitted	5/3/2019 18:30:45		HMX-DR-2019-0000293	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX AWD	
2447	FCA US LLC	CRX	New Submission	Submitted	8/22/2019 8:43:05		CRX-DR-2019-0000652	Defect Report	DR - Catalyst System			
2448	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q605 AWD	
2449	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 AWD	
2450	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50S RED SPORT	
2451	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50S	
2452	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60	
2453	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50S	
2454	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60S RED SPORT	
2455	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60 AWD	
2456	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 AWD	
2457	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 AWD	
2458												
2459	Kia Motors Corporation	KMX	Correction	Submitted	3/4/2019 13:26:48		KMX-DR-2018-0000711	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima Hybrid	
2460												
2461												
2462	Hyundai Motor Company	HYX	New Submission	Superseded	3/4/2019 15:11:05	4/10/2019 15:48:11	HYX-DR-2019-0000156	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima Hybrid	
2463												
2464												
2465												
2466	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 AWD	
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2542	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 AWD	

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2438		KHYXV02.0CE3	2019	Ignition System
2439		JHYXV02.01E3	2018	Ignition System
2440		JHYXV02.01E3	2018	Ignition System
2441		JHYXV01.61NF	2018	On-Board Diagnostic (OBD) System
2442		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2443		DHYXV01.61CE	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
2444		JHMXV03.5LH3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2445		KHMXV03.5HH3	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2446		HHMXV03.5MA3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2447		HCRXV06.25P3	2017	Catalyst System
2448		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2449		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2450		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2451		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2452		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2453		GNMXV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2454		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2455		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2456		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2457		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2458		KKMXV02.0D16	2019	On-Board Diagnostic (OBD) System
2459		HHYXV02.0A16	2017	On-Board Diagnostic (OBD) System
2460		GVVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2461		GVVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2462		GVVXTD2.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

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2438	Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the ignit			5948
2439	Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the ignit			240837
2440	Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the ignit			15617
2441	The 2023MY Hyundai i EL Veloster, 2023MY 2.0L Tucson and 2023MY i EL Elantra GT have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for the modeling temperature of the engine coolant. Data in the ECU has a difference of temperature between modelin			3148
2442	The affected part number 135377800601 relates to the FUEL RAIL [PRESSURE ACCUMULATOR]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMW02.0N47, BMW decided a warranty extension to full useful life (10 years / 120,000mi.) (Please see corresponding EDIR-GG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mi.). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL [PRESSURE ACCUMULATOR] is/was working properly and has/had no malfunction.	6/30/2015	6/29/2016	1579
2443	he 2013 model year Velosters equipped with 1.6 TGD engine have experienced a safety issue which can cause a vehicle fire. According to the internal investigation, the engine management software installed on the engine electronic control units (ECUs???) in the subject vehicles could cause premature ignition of air/fuel mixture in the engine cylinder (Type: ignition??). Pre-ignition in an	4/11/2017	3/22/2018	16240
2444	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	4/11/2017	3/22/2018	20451
2445	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	4/2/2018	3/14/2019	17854
2446	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	7/15/2016	3/27/2017	11247
2447	Some 2015-2017 Dodge Charger SRT and Dodge Challenger SRT vehicles equipped with a 6.2L Hellcat engine (sales code 5D0) are having catalytic converters replaced. Customers are bringing in their vehicles after Malfunction Indicator Lamp (MIL) illumination (P-codes P020 and P030 for catalyst efficiency are set).			4096
2448	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			39168
2449	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			43136
2450	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			39168
2451	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			39168
2452	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			39168
2453	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			15819
2454	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			39168
2455	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			43136
2456	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			39168
2457	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P0108), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openin			43136
2458	2019 model year KIA Niro/Optima hybrid and plug-in hybrid have an issue that is inappropriate display of the freeze frame data to a general scan tool. According to the investigation, when multiple DTCs are set including misfire or fuel system DTC, the ECU cannot display correctly the misfire or the fuel system freeze frame information after ignition off and on. The main cause is that ECU has been calibrated improperly when it comes to display freeze frame data if it occurs multiple DTCs.			300
2459	Kia found that the salt crystals kept the poppet valve of the NVLD stuck open (not closing the pressure switch) which caused it to detect a leak in the evaporative system. It is assumed that the salt crystals originated from the contents of sea breeze and fog coming from the California coast area.			6741
2460	Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail. The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load. The concerned sensor went of production 2016 week 16.			15305
2461	Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail. The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load. The concerned sensor went of production 2016 week 16.			15305
2462	Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail. The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load. The concerned sensor went of production 2016 week 16.			33968

	A	B	C	D	E	F	G	H	I	J	K	L
2463	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 PWD	
2464	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 PWD	
2465	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 PWD	
2466	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 PWD	
2467	American Honda Motor Co., Inc.	HMX	New Submission	Superseded	4/26/2019 15:06:36	5/1/2019 13:51:02	HMX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT 2WD	
2468	BMW	BMX	New Submission	Submitted	7/17/2019 8:21:42		BMX-DR-2019-0000525	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	BMW	328CKI	
2469	BMW	BMX	New Submission	Submitted	7/17/2019 8:21:42		BMX-DR-2019-0000525	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	BMW	328CI	

	M	N	O	P
2463		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2464		GVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2465		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2466		GVXXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2467 9AT		GHXXV03.3VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2468		7BMXV03.0N51	2007	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2469		7BMXV03.0N51	2007	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
2463	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8208	8208
2464	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
2465	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8208	8208
2466	<p>Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.</p>	2/2/2015	11/7/2016	15305 134326	15305 1386
2468	<p>The affected part number 1613719479 relates to the Leak Diagnostic Pump. Analyses have shown, that in about 85% of all cases the component Leak Diagnostic Pump was replaced due to a malfunction including fault code storage and MIL illumination. Main reason for the defect is corrosion due to condensate entry in the Leak Diagnostic Pump which leads e.g. to electrical malfunctions.</p> <p>In addition the component Leak Diagnostic Pump was replaced due to variations of the friction coefficient (leads to current fluctuations during the reference leak measurements) caused by unsteady manufacturing quality. As a result a leakage of the EVAP system was misleadingly detected.</p>	10/31/2006	8/30/2007	21800	927
2469	<p>The affected part number 1613719479 relates to the Leak Diagnostic Pump. Analyses have shown, that in about 85% of all cases the component Leak Diagnostic Pump was replaced due to a malfunction including fault code storage and MIL illumination. Main reason for the defect is corrosion due to condensate entry in the Leak Diagnostic Pump which leads e.g. to electrical malfunctions.</p> <p>In addition the component Leak Diagnostic Pump was replaced due to variations of the friction coefficient (leads to current fluctuations during the reference leak measurements) caused by unsteady manufacturing quality. As a result a leakage of the EVAP system was misleadingly detected.</p>	10/31/2006	8/30/2007	21800	927

	A	B	C	D	E	F	G	H	I	J	K	L
2470	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
2471	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte	
2472	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	
2473	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte Koup	
2474	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2475	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2476	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2477	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2478	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:32:27		MBX-DR-2019-0000389	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2479	American Honda Motor Co., Inc.	HMX	New Submission	Superseded	4/29/2019 17:25:59	5/13/2019 12:10:40	HMX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT AWD	
2480	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	IS 350	
2481	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	SIENNA AWD	
2482	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	SEQUOIA 4WD FFV	
2483	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	GS 350	
2484	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	RC 350	
2485	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	RX 350	
2486	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Rio	
2487	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Soul	
2488	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Rio ECO	
2489	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	Veloster	
2490	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	SOUL	

	M	N	O	P
2470		BMBKT03.0U2A	2011	Exhaust Gas Recirculation (EGR) System
2471		GKMXV02.0DFP	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2472		EKMXV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2473		EKMXV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2474		DMBXV03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
2475		DMBKT02.2U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
2476		AMBKT03.0U2A	2010	Electrical Wiring, Sensor, and Actuator Systems
2477		DMBXV03.0U2B	2013	Electrical Wiring, Sensor, and Actuator Systems
2478		FWBXV01.5U2A	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2479		KHXV03.5NH3	2019	On-Board Diagnostic (OBD) System
2480		JTYXV03.5MSA	2018	Electrical Wiring, Sensor, and Actuator Systems
2481		JTYXT03.5MSM	2018	Electrical Wiring, Sensor, and Actuator Systems
2482		JTYXT03.7MS8	2018	Electrical Wiring, Sensor, and Actuator Systems
2483		JTYXV03.5MSA	2018	Electrical Wiring, Sensor, and Actuator Systems
2484		JTYXV03.5MSA	2018	Electrical Wiring, Sensor, and Actuator Systems
2485		JTYXT03.5MSM	2018	Electrical Wiring, Sensor, and Actuator Systems
2486		GKMXV01.6DBE	2016	Catalyst System
2487		GKMXV01.6DBE	2016	Catalyst System
2488		FKMXV01.6DBE	2015	Catalyst System
2489		EKMXV01.6DBE	2014	Catalyst System
2490		DKMXV01.6DBE	2013	Catalyst System

	A	B	C	D	E	F	G	H	I	J	K	L
2491	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2492	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:14:20		NSX-DR-2019-0000003	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA AWD	
2493	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:14:20		NSX-DR-2019-0000003	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA SR/PLATINUM	
2494	Mercedes Benz	MBX	New Submission	Submitted	4/3/2019 5:29:26		MBX-DR-2019-0000257	Defect Report	DR - On-Board Diagnostic (OBD) System			
2495	Mercedes Benz	MBX	New Submission	Submitted	4/3/2019 5:29:26		MBX-DR-2019-0000257	Defect Report	DR - On-Board Diagnostic (OBD) System			
2496	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
2497	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive Sports Wagon	
2498	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
2499	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	
2500	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	

	M	N	O	P
2491		GMBXT02.1U2A	2016	Electrical Wiring, Sensor, and Actuator Systems
2492		KNSXV02.SRPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2493		KNSXV02.OPVA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2494		JMBXT02.0U2A	2018	On-Board Diagnostic (OBD) System
2495		GMBXT02.0U2A	2016	On-Board Diagnostic (OBD) System
2496		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
2497		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System
2498		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System
2499		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
2500		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
2501	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i	
2502	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	
2503	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
2504	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	
2505	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i	
2506	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive	

	M	N	O	P
2501		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
2502		KBMXV02.0H48	2019	On-Board Diagnostic (OBD) System
2503		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
2504		HBMXV02.0H48	2017	On-Board Diagnostic (OBD) System
2505		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
2506		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System

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	A	B	C	D	E	F	G	H	I	J	K	L
2507	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
2508	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Convertible	
2509	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e xDrive	
2510	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e	
2511	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	24 M40i	
2512	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	

	M	N	O	P
2507		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
2508		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
2509		KBMXV02.0H30	2019	On-Board Diagnostic (OBD) System
2510		KBMXV02.0H30	2019	On-Board Diagnostic (OBD) System
2511		LBMXJ03.0B5X	2020	On-Board Diagnostic (OBD) System
2512		HBMXT02.0N47	2017	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
2507					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
2508					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2018	5/7/2019	4484	4484
2509					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2018	5/7/2019	4484	4484
2510					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	3742	3742
2511					
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? If applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iL xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	3/31/2016	7/30/2017	15	15
2512					

	A	B	C	D	E	F	G	H	I	J	K	L
2513	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	
2514	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
2515	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	XS xDrive 35d	
2516	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
2517	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			
2518	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
2513		GBMXV03.0N57	2016	Exhaust Gas Recirculation (EGR) System
2514		EBMXV03.0N57	2014	Exhaust Gas Recirculation (EGR) System
2515		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System
2516		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
2517		JCRXV06.25P0	2018	On-Board Diagnostic (OBD) System
2518		JCRXT03.65P5	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
2513	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	10/30/2016	1209	1209
2514	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	5167	5167
2515	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	7/31/2014	11/29/2015	7399	7399
2516	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701
2517	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (PCC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			5961	5961
2518	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (PCC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			281831	281831

	A	B	C	D	E	F	G	H	I	J	K	L
2519	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			
2520	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Challenger	
2521	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/14/2019 14:02:38		JLX-DR-2019-0000754	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2522	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2523	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2524	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Sportage 2WD	
2525	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	
2526	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson FWD	
2527	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	

	M	N	O	P
2519		JCRXV05.75P0	2018	On-Board Diagnostic (OBD) System
2520		JCRXV03.65P0	2018	On-Board Diagnostic (OBD) System
2521		GJLXT03.0GTR	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2522		GMBXV02.1U2B	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2523		ENBXV02.2U2A	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2524		EXMXV02.44NE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2525		AHYXT02.4LWS	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2526		FHYXT02.41UE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2527		BHYXT02.4LWS	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7LU7?), Chrysler Pacifica (7RU7?), Jeep Grand Cherokee (7WK7?), Dodge Durango (7WD7?) and 6.4L Dodge Challenger (7LA7?) and Dodge Charger (7LD7?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC7?) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			6015	6015
	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7LU7?), Chrysler Pacifica (7RU7?), Jeep Grand Cherokee (7WK7?), Dodge Durango (7WD7?) and 6.4L Dodge Challenger (7LA7?) and Dodge Charger (7LD7?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC7?) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			74965	74965
	<p>The customer may experience Malfunction Indicator Light (MIL) illumination with Diagnostic Trouble Code (DTC) P2002, indicating low Diesel Particulate Filter (DPF) Efficiency, stored within the Engine Control Module (ECM). Unexpected high soot loading within the DPF may lead to overheating during a regeneration event which causes the ceramic internal monolith to crack.</p> <p>2521 Root cause has been determined to be an overly cautious coolant temperature set point of 50 degrees C before the monitoring routine to measure pressure drop across the DPF is activated.</p> <p>2522 The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s</p> <p>2523 The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s</p> <p>2524 Some 2013-2016 model year Kia Sportage 2.4L may exceed the ORVR standard. According to the investigation of canister manufacturing process/subpart/production history, an analysis indicates charcoal displacement occurs because defect sponge inside the canister has short length, so displacement occurs with the combination of charcoal being tilted and short sponge length. As a</p>			9054 1131 6378 7127	118 0 0 3
	<p>Some 2010-2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			3729	1
	<p>Some 2010-2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			12222	0
	<p>Some 2010-2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			8295	1

	A	B	C	D	E	F	G	H	I	J	K	L
2528	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
2529	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
2530	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	
2531	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
2532	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 14:04:38		KMX-DR-2019-0000928	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage 4WD	
2533	Kia Motors Corporation	KMX	New Submission	Submitted	11/8/2019 10:49:09		KMX-DR-2019-0000937	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forté	
2534	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S80 FWD	
2535	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S80 FWD	
2536	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
2537	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 AWD	

	M	N	O	P
2528		DHYXV02.01FE	2013	Electrical Wiring, Sensor, and Actuator Systems
2529		HHYXV02.01VF	2017	Electrical Wiring, Sensor, and Actuator Systems
2530		HHYXV02.4AJP	2017	Electrical Wiring, Sensor, and Actuator Systems
2531		JHYXV02.01HS	2018	Electrical Wiring, Sensor, and Actuator Systems
2532		EKMXV02.45AP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2533		LKMXV02.0CE3	2020	On-Board Diagnostic (OBD) System
2534		PVXXV02.0U3T	2015	Air Inlet System (Including Turbo and Superchargers)
2535		GVXXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
2536		JVXXJ02.0B70	2018	Air Inlet System (Including Turbo and Superchargers)
2537		JVXXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			25592	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			24104	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			56453	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			7355	0
	<p>2532 Some 2014~2016 model year Kia Sportage 2.4 GDI SUVs may exhibit an issue with NMOC control that could lead to an exceedance of the emissions standards. According to our investigation, the main cause is a ECU data calibration is a deviation of injector flow quantity, catalyst heating based on the differences of engine mechanical friction and compensation operated by downstream.</p> <p>2533 Some Kia 20MY Forte 2.0MPI vehicles have an issue that displays incorrect test group information to a scan tool. According to the investigation, there was a clerical error in the ECU calibration.</p>			7569	0
	<p>2534 Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			6997	6997
	<p>2535 Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			25464	4039
	<p>2536 Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			20507	474
	<p>2537 Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			41181	181
	<p>2538 Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			26274	169

	A	B	C	D	E	F	G	H	I	J	K	L
2538	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 AWD	
2539	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2540	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 CC AWD	
2541	Ford Motor Company	FMX	New Submission	Submitted	10/17/2019 11:18:17		FMX-DR-2019-0000762	Defect Report	DR - Crankcase Ventilation System			
2542	Subaru Corporation	FIX	New Submission	Superseded	10/31/2019 17:29:59	10/31/2019 17:48:28	FIX-DR-2019-0000817	Defect Report	DR - Crankcase Ventilation System			
2543	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	
2544	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson 2WD	
2545	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	A3	
2546	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	BETTLE CONVERTIBLE	
2547	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	Jetta	

	M	N	O	P
2538		HVXI02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
2539		HVXT02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
2540		KVXI02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
2541		KFMXT02.72JQ	2019	Crankcase Ventilation System
2542		JFJXI02.0BUY	2018	Crankcase Ventilation System
2543		CHYXT02.4LWS	2012	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2544		EHYXT02.41UE	2014	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2545		CWXXV02.0USN	2012	Exhaust Gas Recirculation (EGR) System
2546		EWXXV02.0USN	2014	Exhaust Gas Recirculation (EGR) System
2547		EWXXV02.0USN	2014	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
2538	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			48704	367
2539	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			24034	1536
2540	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			28588	1117
2541	Some 2019 MY 2.7L and 3.0L gasoline turbocharged direct injection (GTDI) vehicles were built with a positive crankcase ventilation (PCV) valve that was not intended for these applications, which can result in an increased risk of false malfunction indicator light (MIL) illumination.			7151	7151
2542	The PCV valve, an oil flow control device, may separate and allow engine oil to enter the combustion chamber. If the PCV valve separates and oil enters the combustion chamber, there may be a visible change in the appearance and/or amount of tailpipe exhaust, and if driving under this condition continues, separated component	4/17/2017	4/2/2018	130295	0
2543	<p>Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			8658	1
2544	<p>Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			9735	1
2545	<p>Complaint: MIL on</p> <p>DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components: EGR Filter</p> <p>Part Number ? Incorrect: 1K0253120</p> <p>Part Number ? Correct: 1K0253120B</p> <p>Analysis:-Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>-The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPF Fault.</p>			32	32
2546	<p>Complaint: MIL on</p> <p>DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components: EGR Filter</p> <p>Part Number ? Incorrect: 1K0253120</p> <p>Part Number ? Correct: 1K0253120B</p> <p>Analysis:-Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>-The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPF Fault.</p>			14	14
2547	<p>Complaint: MIL on</p> <p>DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components: EGR Filter</p> <p>Part Number ? Incorrect: 1K0253120</p> <p>Part Number ? Correct: 1K0253120B</p> <p>Analysis:-Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>-The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPF Fault.</p>			14	14

	A	B	C	D	E	F	G	H	I	J	K	L
2543	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	GOLF	
2540	Kia Motors Corporation	KMX	New Submission	Submitted	9/24/2019 16:56:27		KMX-DR-2019-0000522	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Forte	
2550	Kia Motors Corporation	KMX	New Submission	Submitted	9/24/2019 16:56:27		KMX-DR-2019-0000522	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Forte	
2551	Toyota Motor Corporation	TYX	New Submission	Submitted	11/12/2019 15:51:34		TYX-DR-2019-0000939	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	CAMRY TRD	
2552	Toyota Motor Corporation	TYX	New Submission	Submitted	11/12/2019 15:51:34		TYX-DR-2019-0000939	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	AVALON	
2553	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	10/28/2019 18:19:40		NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO AWD	
2554	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	10/28/2019 18:19:40		NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO AWD	
2555	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/15/2019 10:08:56		JLX-DR-2019-0000755	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2556	Audi	ADX	Correction	Submitted	10/18/2019 9:18:51		ADX-DR-2019-0000742	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	
2557	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	R57	
2558	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	R57	
2559	Porsche AG	PRX	New Submission	Submitted	9/25/2019 13:52:28		PRX-DR-2019-0000696	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Macan	
2560	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12	10/23/2019 15:12:40	GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
2561	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD	
2562	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4 HYBRID AWD	

	M	N	O	P
2548		BVWXV02.0U5N	2011	Exhaust Gas Recirculation (EGR) System
2549		HKMXV02.04E5	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2550		JKMXV02.04E5	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2551		LTYXV03.5M5B	2020	Drivetrain/Transmission System
2552		LTYXV03.5M5B	2020	Drivetrain/Transmission System
2553		HNSXV03.5G7C	2019	Heating, Ventilation, and Air Conditioning (HVAC) System
2554		HNSXV03.5P7C	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
2555		GIJLXT03.0GTR	2016	Electrical Wiring, Sensor, and Actuator Systems
2556		CADXT03.03UG	2012	Selective Catalytic Reduction System
2557		GVGAV04.0NUA	2016	Electrical Wiring, Sensor, and Actuator Systems
2558		HVGAV04.0NUA	2017	Electrical Wiring, Sensor, and Actuator Systems
2559		KPRXT02.0MR4	2019	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2560		HQAKX02.4159	2017	Exhaust System (Other than GSR and Catalyst Systems)
2561		KTYXT03.5P3S	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2562		KTYXT02.5P3N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2563	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/29/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	NX 300	
2564	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/29/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	ES 300h	
2565	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
2566	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	740Li xDrive	
2567	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
2568	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	
2569	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
2570	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 ST	3L
2571	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4	3L
2572	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-Hybrid Executive	2.9L
2573	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i xDrive Gran Turismo	

	M	N	O	P
2563		KTYXT02.0K6M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2564		KTYXV02.5P93	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2565		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
2566		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System
2567		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System
2568		GBMXV03.0N57	2016	Exhaust Gas Recirculation (EGR) System
2569		HBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
2570 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2571 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2572 Automatic		JPRXV02.9PH6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2573		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

Q		R	S	T	U
2563	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			2344	2344
2564	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			834	834
2565	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.	6/30/2014	6/29/2015	3701	3701
2566	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.	2/28/2014	6/29/2015	1505	1505
2567	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.	2/28/2014	6/29/2015	1505	1505
2568	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.	6/30/2015	10/30/2016	1209	1209
2569	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	6/30/2016	6/29/2017	1654	1654
2570	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
2571	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
2572	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	1549	0
2573	The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956. Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by seating of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats). In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.	2/28/2014	6/29/2015	11459	963

	A	B	C	D	E	F	G	H	I	J	K	L
2574	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li	
2575	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B6 xDrive Gran Coupe	
2576	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Coupe	
2577	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 2WD	
2578	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4 HYBRID AWD	
2579	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4 AWD	
2580	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RC 300	
2581	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK XSE	
2582	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD D-CAB V6 MT OFF-ROAD	
2583	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4 AWD	
2584	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 250h	
2585	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 250h AWD	
2586	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450h AWD	
2587	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER	
2588	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD	
2589	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK MANUAL	
2590	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD	
2591	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 2WD	
2592	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 300	
2593	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350	
2594	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA	
2595	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE Plus	
2596	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	ES 350 F SPORT	
2597	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
2598	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	ES 350	
2599	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVAILON	
2600	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK	
2601	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 200	
2602	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE	
2603	American Honda Motor Co., Inc.	HMX	Correction	Submitted	11/13/2019 13:34:27		HMX-DR-2019-0000429	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	
2604	Toyota Motor Corporation	TYX	Correction	Submitted	5/17/2018 9:45:46		TYX-DR-2018-0000072	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TACOMA 2WD	
2605	BMW	BMX	New Submission	Submitted	5/8/2018 11:03:53		BMX-DR-2018-0000057	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	i3s (i94Ah) with Range Extender	
2606	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/8/2018 14:09:01	5/8/2018 14:18:11	VVX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
2607	Toyota Motor Corporation	TYX	Correction	Submitted	5/2/2018 11:18:41		TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 4WD	
2608	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4	
2609	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 LE/XLE	
2610	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	C-HR	
2611	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	GS 350	
2612	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY XLE/XSE	
2613	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	LS 500 AWD	
2614	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	LAND CRUISER WAGON 4WD	
2615	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER HYBRID AWD LE Plus	
2616	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	NX 300	
2617	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	SIENNA	
2618	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY XLE/XSE	
2619	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	TUNDRA 2WD	
2620	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RC 300	
2621	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	IS 350	
2622	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	HIGHLANDER	
2623	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	AVAILON	
2624	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	PRIUS	
2625	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 AWD	
2626	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	RAV4 HYBRID AWD	
2627	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/10/2018 12:59:50		NSX-DR-2018-0000083	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50S	2.0L

	M	N	O	P
2574		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2575		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2576		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2577		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2578		KTYXT02.5P3N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2579		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2580		KTYXV02.0M5A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2581		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2582		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2583		KTYXT03.5N4H	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2584		KTYXV02.0N4C	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2585		KTYXV02.0N4C	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2586		KTYXT03.5P34	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2587		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2588		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2589		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2590		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2591		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2592		KTYXT02.0K6M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2593		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2594		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2595		KTYXT03.5P35	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2596		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2597		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2598		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2599		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2600		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2601		KTYXV02.0N4A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2602		KTYXT03.5P35	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2603		EHXV002.46C3	2014	On-Board Diagnostic (OBD) System
2604		DTYXT04.0BEM	2013	On-Board Diagnostic (OBD) System
2605		JBMXV00.613R	2018	On-Board Diagnostic (OBD) System
2606		HVXT02.0P3T	2017	Drivetrain/Transmission System
2607		CTYXT04.0BEM	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2608		JTYXT02.5B6H	2018	Emission Control Information Label
2609		JTYXT02.5B6H	2018	Emission Control Information Label
2610		JTYXV02.0K6B	2018	Emission Control Information Label
2611		JTYXV03.5M5A	2018	Emission Control Information Label
2612		JTYXV02.5P3A	2018	Emission Control Information Label
2613		JTYXV03.5K6A	2018	Emission Control Information Label
2614		JTYXT03.7B6V	2018	Emission Control Information Label
2615		JTYXT03.5P35	2018	Emission Control Information Label
2616		JTYXT02.0K6M	2018	Emission Control Information Label
2617		JTYXT03.5M5M	2018	Emission Control Information Label
2618		JTYXV02.5P3A	2018	Emission Control Information Label
2619		JTYXT04.6B6W	2018	Emission Control Information Label
2620		JTYXV02.0K6A	2018	Emission Control Information Label
2621		JTYXV03.5M5A	2018	Emission Control Information Label
2622		JTYXT03.5M5M	2018	Emission Control Information Label
2623		JTYXV03.5B6C	2018	Emission Control Information Label
2624		JTYXV01.8P33	2018	Emission Control Information Label
2625		JTYXT02.5B6H	2018	Emission Control Information Label
2626		JTYXT02.5P3M	2018	Emission Control Information Label
2627		HNSXV02.0NJA	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2628	Hyundai Motor Company	HYX	New Submission	Superseded	5/14/2018 15:52:00	10/3/2018 11:22:34	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 RWD	
2629	Hyundai Motor Company	HYX	New Submission	Superseded	5/14/2018 15:52:00	10/3/2018 11:22:34	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G80 AWD	
2630	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC60 AWD	
2631	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 AWD	
2632	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	S90 FWD	
2633	Volvo Car USA, LLC	VVX	Correction	Submitted	5/24/2018 13:22:13		VVX-DR-2018-0000105	Defect Report	DR - Hybrid Vehicle System	Volvo	XC90 AWD	
2634	BMW	BMX	New Submission	Submitted	5/28/2018 10:02:26		BMX-DR-2018-0000162	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	S35d	
2635	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	AVALON HYBRID	
2636	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	C-HR	
2637	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	K1500 SUBURBAN 4WD	
2638	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	C1500 TAHOE 2WD	
2639	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
2640	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
2641	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
2642	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
2643	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
2644	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
2645	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2646	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2647	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
2628		HHYXV03.31MF	2017	Catalyst System
2629		JHYXV03.31V6	2018	Catalyst System
2630		JVXXJ02.0A70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2631		HVVXJ02.0U3T	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2632		JVXXJ02.0125	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2633		GVVXT02.0P3T	2016	Hybrid Vehicle System
2634		FBMXV03.0K57	2015	Exhaust System (Other than EGR and Catalyst Systems)
2635		JTYXV02.5P34	2018	Emission Control Information Label
2636		JTYXV02.0K6B	2018	Emission Control Information Label
2637		JGMXT05.3382	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2638		JGMXT05.3382	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2639		GMEXJ02.0U2C	2016	On-Board Diagnostic (OBD) System
2640		HMBXJ02.0U2C	2017	On-Board Diagnostic (OBD) System
2641		GMEXV02.0U2A	2016	On-Board Diagnostic (OBD) System
2642		GMEXJ02.0U2B	2016	On-Board Diagnostic (OBD) System
2643		GMEXV03.0U2A	2016	On-Board Diagnostic (OBD) System
2644		HMBXV02.0U2A	2017	On-Board Diagnostic (OBD) System
2645		FMBXT02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
2646		EMBXJ02.2U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
2647		DMBXT03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
2648	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2649												
2649	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/11/2018 9:42:07		VGA-DR-2018-0000123	Defect Report	DR - On-Board Diagnostic (OBD) System			
2650	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/11/2018 9:42:07		VGA-DR-2018-0000123	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R8	
2651	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	ACCORD	3.5
2652	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	CIVIC 2Dr	2.0
2653	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	CIVIC 4Dr	2.0
2654	Hyundai Motor Company	HYX	Correction	Superseded	6/7/2018 15:02:01	6/7/2018 16:59:06	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2655	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/12/2018 15:22:05		NSX-DR-2018-0000194	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.6L
2656	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/14/2018 14:17:51		VGA-DR-2018-0000195	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Beetle	
2657	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
2658	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/15/2018 15:38:42		HNX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
2659	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/15/2018 15:38:42		HNX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
2660	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			

	M	N	O	P
2648		DMBXT03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
2649		HVGAV05.2NLE	2017	On-Board Diagnostic (OBD) System
2650		FVGAV05.2NLD	2015	On-Board Diagnostic (OBD) System
2651		DHNXV03.5VC3	2013	Emission Control Information Label
2652		HHNXV02.0863	2017	Emission Control Information Label
2653	CVT	HHNXV02.0863	2017	Emission Control Information Label
2654		DHYVW01.61CE	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2655		JNSXV01.6NDA	2018	On-Board Diagnostic (OBD) System
2656		FVGAV02.0VPD	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
2657		EWXVW02.03PA	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2658		DHNXV02.4NC3	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
2659		EHNXV02.44B3	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
2660		DJLXV05.0FAP	2013	Catalyst System

	A	B	C	D	E	F	G	H	I	J	K	L
2661	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
2662	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 5WB xDrive	
2663	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li xDrive	
2664	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i xDrive Gran Turismo	
2665	Porsche AG	PRX	Correction	Superseded	6/4/2018 13:30:04	9/12/2018 15:08:52	PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
2666	Porsche AG	PRX	Correction	Superseded	6/4/2018 13:30:04	9/12/2018 15:08:52	PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
2667	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman	2.0
2668	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4 Cabriolet	3.4L
2669	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S	3.8L
2670	Volvo Car USA, LLC	VVX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 PWD	
2671	Volvo Car USA, LLC	VVX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 PWD	
2672	Volvo Car USA, LLC	VVX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 PWD	

	M	N	O	P
2661		EJLXV03.0P5M	2014	Catalyst System
2662		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2663		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2664		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2665	Automatic	FPRXV03.0CDD	2015	Exhaust Gas Recirculation (EGR) System
2666	Automatic	EPRXV03.0CDD	2014	Exhaust Gas Recirculation (EGR) System
2667	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
2668	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2669	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2670		GVVXV02.053T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2671		FVVXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2672		FVVXV02.053T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2673	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
2674	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
2675	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
2676	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 AWD	
2677	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
2678	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	

	M	N	O	P
2673		FVXX02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2674		FVXX02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2675		GVVX02.0S3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2676		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2677		FVXX02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2678		FVXX02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
2673	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
2674	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
2675	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			3870	3870
2676	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33971	33971
2677	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8211	8211
2678	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8211	8211

	A	B	C	D	E	F	G	H	I	J	K	L
2679	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 AWD	
2680	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman	2.0
2681	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4 GT5	3.0 l
2682	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4	3.0 l
2683	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 5	3.0 l
2684	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera Cabriolet	3.4L
2685	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 5	3.8L
2686	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera Cabriolet	3.4L
2687	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 GT3	3.8L

	M	N	O	P
2679		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2680	Manual, Automatic	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
2681	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2682	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2683	Automatic and Manual	HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2684	Automatic and Manual.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2685	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2686	Automatic and Manual.	EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2687	Automatic.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
2679					
	<p>7 pre catalyst oxygen sensors (pn 9A260618301) are being replaced in the field for MIL illumination and fault code P2196 stored in the Engine ECU.</p> <p>7 Part are being replaced due to defective ceramic elements</p> <p>2680 7 Analyses revealed water residues inside of the ceramic element of the sensor. These residues of water stuck in the porous ceramic element can lead to a defect of the sensor during sensor heating.</p>	3/17/2016	3/17/2017	5597	86
2681					
	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>2681 Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
2682					
	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>2682 Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
2683					
	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>2683 Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
2684					
	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
2685					
	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			10574	96
2686					
	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			10574	96
2687					
	<p>7 VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>7 The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set.</p> <p>2687 7 Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.</p>	6/6/2013	5/27/2014	10574	47

	A	B	C	D	E	F	G	H	I	J	K	L
2688	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo Cabriolet	3.8L
2689	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4	3.4L
2690	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible xDrive	
2691	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750Li xDrive	
2692	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Coupe xDrive	
2693	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750i xDrive	

	M	N	O	P
2688	Automatic.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2689	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2690		DBMXV04.4N63	2013	Crankcase Ventilation System
2691		DBMXV04.4N63	2013	Crankcase Ventilation System
2692		DBMXV04.4N63	2013	Crankcase Ventilation System
2693		DBMXV04.4N63	2013	Crankcase Ventilation System

	Q	R	S	T	U
	<p>7 VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>7 The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set.</p> <p>2690 7 Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.</p>	6/6/2013	5/27/2014	10574	47
	<p>7 VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>7 The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set.</p> <p>2690 7 Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.</p>	6/6/2013	5/27/2014	10574	47
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400

	A	B	C	D	E	F	G	H	I	J	K	L
2694	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Coupe	
2695	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB xDrive	
2696	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750i xDrive	
2697	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Convertible	
2698	Hyundai Motor Company	HYX	New Submission	Superseded	7/6/2018 16:11:31	7/10/2018 8:37:51	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima S	
2699	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD	
2700	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	530i xDrive	
2701	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER CLUBMAN ALL4	

	M	N	O	P
2694		FBMXV04.4N63	2015	Crankcase Ventilation System
2695		EBMXV04.4N63	2014	Crankcase Ventilation System
2696		EBMXV04.4N63	2014	Crankcase Ventilation System
2697		EBMXV04.4N63	2014	Crankcase Ventilation System
2698		JHYXV02.4AJ5	2018	Emission Control Information Label
2699		GTYXT03.5MEM	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2700		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2701		KBMXV01.5M3X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
2694	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2014	4/29/2014	1150	100
2695	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
2696	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
2697	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
2698	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p>			65928	234
2699	<p>Customer may experience a chirping noise coming from the high-pressure fuel pump. Sound may be most noticeable during hot idle.</p>			151604	151604
2700	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/6/2018	1175	1175
2701	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/11/2018	280	280

	A	B	C	D	E	F	G	H	I	J	K	L
2702	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER CLUBMAN	
2703	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S HARDTOP 2 DOOR	
2704	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i xDrive Coupe	
2705	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i Coupe	
2706	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i xDrive Convertible	
2707	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i Gran Coupe	
2708	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JOHN COOPER WORKS CLUBMAN ALL4	

	M	N	O	P
2702		KBMXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2703		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2704		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2705		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2706		JBMXV03.0B2X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2707		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2708		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2709	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	MINI COOPER SE COUNTRYMAN ALL4	
2710	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
2711	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740Ld xDrive	
2712	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750i xDrive	
2713	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible	
2714	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750i	

	M	N	O	P
2709		KBMXV01.5H60	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2710		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2711		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2712		DEMXV04.4N63	2013	Crankcase Ventilation System
2713		FBMXV04.4N63	2015	Crankcase Ventilation System
2714		EBMXV04.4N63	2014	Crankcase Ventilation System

	A	B	C	D	E	F	G	H	I	J	K	L
2715	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible	
2716	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive	
2717	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2718	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000273	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2719	Hyundai Motor Company	HYX	Correction	Superseded	7/5/2018 17:04:33	10/3/2018 10:26:38	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
2720	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS PRIME	
2721	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS	
2722	Porsche AG	PRX	New Submission	Submitted	7/26/2018 14:17:53		PRX-DR-2018-0000341	Defect Report	DR - Hybrid Vehicle System	Porsche	Cayenne S e-Hybrid	3.0L
2723	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
2724	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500X	
2725	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500L	
2726	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	

	M	N	O	P
2715		EBMXV04.4N63	2014	Crankcase Ventilation System
2716		EBMXV04.4N63	2014	Crankcase Ventilation System
2717		BMBXV03.0U2B	2011	Electrical Wiring, Sensor, and Actuator Systems
2718		AMBXT03.0U2B	2010	Electrical Wiring, Sensor, and Actuator Systems
2719		EHTXV01.61CE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2720		HTYXV01.8P3S	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2721		JTYXV01.8P3S	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2722	Automatic	GPFXJ03.0PHV	2016	Hybrid Vehicle System
2723		GCRXJ01.45P0	2016	On-Board Diagnostic (OBD) System
2724		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
2725		FCRXJ01.45P0	2015	On-Board Diagnostic (OBD) System
2726		FCRXJ01.45P0	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
2715					
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
2716					
2717					2979
2718					2428
2719					8434
2720					32869
2721					10647
2722		11/4/2015	2/3/2016		2553
					97
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p>			143	143
2723					
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p>			1061	1061
2724					
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p>			293	293
2725					
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC7?) would suspend the catalyst monitor, upstream 02 monitor, and upstream closed loop control.</p>			293	293
2726					

	A	B	C	D	E	F	G	H	I	J	K	L
2727	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500	
2728	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Giulia AWD	
2729	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Stelvio	
2730	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
2731	Porsche AG	PRX	New Submission	Submitted	7/17/2018 11:14:25		PRX-DR-2018-0000302	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Macan GTS	3.0L
2732	Porsche AG	PRX	New Submission	Submitted	7/17/2018 11:14:25		PRX-DR-2018-0000302	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Macan S	3.0L
2733	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayman	2.7L
2734	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera S	3.8L
2735	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera	3.4L

	M	N	O	P
2727		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
2728		JCRXJ02.05P0	2018	On-Board Diagnostic (OBD) System
2729		JCRXJ02.05P0	2018	On-Board Diagnostic (OBD) System
2730		JCRXJ01.45P0	2018	On-Board Diagnostic (OBD) System
2731	Automatic	HPRXT03.6MCS	2017	Electrical Wiring, Sensor, and Actuator Systems
2732	Automatic	HPRXT03.6MCS	2017	Electrical Wiring, Sensor, and Actuator Systems
2733	Automatic and manual.	EPRXV02.7B81	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2734	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2735	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (7OBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061
2727					
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (7OBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			19486	19486
2728					
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (7OBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			19486	19486
2729					
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (7OBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			3204	3204
2730					
	<p>Fuel level sensors (part# 8R0919673F) are being replaced in the field for a customer complaint of a fuel gauge warning being shown and fault 010000D stored in the Instrument Cluster.</p> <p>Analysis shows that the resistor board was broken during the production process. The process has been improved to prevent this.</p>			12876	28
2731					
	<p>Fuel level sensors (part# 8R0919673F) are being replaced in the field for a customer complaint of a fuel gauge warning being shown and fault 010000D stored in the Instrument Cluster.</p> <p>Analysis shows that the resistor board was broken during the production process. The process has been improved to prevent this.</p>			12876	28
2732					
	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>	2/12/2013	5/20/2014	5119	84
2733					
	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>			10574	154
2734					
	<p>Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system.</p> <p>Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.</p>			10574	154
2735					

	A	B	C	D	E	F	G	H	I	J	K	L
2736	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera Cabriolet	3.4L
2737	Porsche AG	PRX	New Submission	Submitted	7/17/2018 14:52:25		PRX-DR-2018-0000303	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S Cabriolet	3.8L
2738	Porsche AG	PRX	New Submission	Submitted	7/17/2018 15:34:21		PRX-DR-2018-0000307	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera S Hybrid	3.0L
2739	Porsche AG	PRX	New Submission	Submitted	7/17/2018 16:18:17		PRX-DR-2018-0000308	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Macan S	3.0L
2740	Porsche AG	PRX	New Submission	Submitted	7/17/2018 16:18:17		PRX-DR-2018-0000308	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Macan S	3.0L
2741	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:34:53		GMX-DR-2018-0000325	Defect Report	DR - Hybrid Vehicle System			
2742	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	EQUINOX	
2743	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5
2744	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE FWD	2.5
2745	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE FWD	2.5
2746	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	1.6
2747	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE AWD	2.5
2748	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE FWD	2.5

	M	N	O	P
2736	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2737	Automatic and manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2738	Automatic.	EPRXV03.0PHD	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2739	Automatic.	GPRXT03.6MCS	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2740	Automatic.	FPRXT03.6MCS	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2741		GGMXV01.4D88	2016	Hybrid Vehicle System
2742		JGMXT02.0100	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2743		ENSXV02.585A	2014	On-Board Diagnostic (OBD) System
2744		GNST02.525A	2016	On-Board Diagnostic (OBD) System
2745		FNST02.565D	2015	On-Board Diagnostic (OBD) System
2746		CNSXV01.6G4A	2012	On-Board Diagnostic (OBD) System
2747		HNST02.5P5A	2017	On-Board Diagnostic (OBD) System
2748		HNST02.5P5A	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system. Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.			10574	154
	Cooling fans (part numbers 99162493901 and 99162493902) are being replaced in the field due to a warning shown in the instrument cluster for the cooling system. Analysis showed that foreign bodies and dirt particles are blocking the fan motor. The part was improved to prevent ingress of the dirt and foreign bodies.			10574	154
2737	Diagnostic Modules for tank leak detection (DM-TL), part number 97020127601, are being replaced in the field for illuminating the MIL. Faults P049600 and P0441 are most frequently stored.	10/1/2013	5/26/2014	755	45
2738	Tank ventilation valves (part numbers 94611002033, 94611002034, 94611002035 and 94611002036) are being replaced in the field due to the MIL being illuminated. Fault P0456 is most frequently stored. Most likely erroneous replacement for NVLD (Pressure switch) issue (see EDIR 0093).			14252	28
2740	Tank ventilation valves (part numbers 94611002033, 94611002034, 94611002035 and 94611002036) are being replaced in the field due to the MIL being illuminated. Fault P0456 is most frequently stored. Most likely erroneous replacement for NVLD (Pressure switch) issue (see EDIR 0093).	9/12/2014	5/21/2015	12718	65
2741	In certain vehicles the hybrid drive motor battery cell pouches may leak electrolyte internally in the battery pack. This can cause a loss of cell voltage and reduced battery pack capacity. The leak is likely a result of moisture in the air that enters the battery pack vent and interacts with internal components. Incidents of such leaks have been identified primarily in hot and humid states. A			533	0
2742	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			15	15
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
2743	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			2277	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
2744	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			550	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
2745	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			3684	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
2746	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			3528	41
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
2747	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			9843	3
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
2748	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			9843	3

	A	B	C	D	E	F	G	H	I	J	K	L
2749	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000382	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE AWD	2.5
2750	Porsche AG	PRX	New Submission	Submitted	7/19/2018 10:45:11		PRX-DR-2018-0000313	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne GTS	4.8L
2751	Porsche AG	PRX	New Submission	Superseded	7/18/2018 13:45:52	8/16/2018 8:59:10	PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4 Executive	3.0L
2752	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 450h	
2753	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
2754	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	
2755	Porsche AG	PRX	New Submission	Submitted	7/18/2018 15:48:26		PRX-DR-2018-0000318	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne	3.6L
2756	Porsche AG	PRX	New Submission	Submitted	7/27/2018 14:05:52		PRX-DR-2018-0000356	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne S	4.8L
2757	Hyundai Motor Company	HYX	New Submission	Submitted	7/27/2018 16:46:13		HYX-DR-2018-0000361	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	

	M	N	O	P
2749		GNXV02.525A	2016	On-Board Diagnostic (OBD) System
2750 Automatic.		EPRXT04.8CSD	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2751 Automatic.		HPRXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
2752		ATYXV03.5CC4	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2753		ATYXV03.5BEB	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2754		CTYXV03.5BEB	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2755 Automatic.		GPRXJ03.6PV6	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2756 Automatic.		EPRXT04.8CSD	2014	Electrical Wiring, Sensor, and Actuator Systems
2757		FHYXV02.41JE	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.				
2749	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			550	0
2750	Oil line restrictors are being replaced in the field for MIL illumination. Fault codes most frequently stored are P1372 for valve lift and P000A, P000C camshaft slow response for bank 1 and bank 2, respectively.	6/10/2013	5/28/2014	4166	80
	Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200- "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean". Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.				
2751	Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software was changed.			3107	261
	The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.				
2752				241	241
	The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.				
2753				12978	12978
	The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.				
2754				3909	3909
2755	Coolant temperature sensors, part number 95510612501, are being replaced in the field due to MIL illumination and/or a warning of coolant temperature too high in the instrument cluster, prompting immediate customer action. Most frequent fault code stored is P0116.			14489	33
	Post catalyst oxygen sensors (pn 95B60617200) are being replaced in the field for MIL illumination. The most frequently stored faults are P2A00/P2A03-pre catalyst electrical failure bank1/bank2 and/or P0135/P0155-pre catalyst heater open circuit bank1/bank2. Most of the sensors are being replaced erroneously, due to faults stored for the pre-catalyst oxygen sensor stored in the engine ECU.				
2756		3/12/2013	5/24/2014	4166	76
	Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to perform a software update on 2015 MY Sonata vehicles equipped with 2.4L 2.0L GDI engines to protect the engine from connecting rod bearing damage. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).				
2757	Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.			135809	0

	A	B	C	D	E	F	G	H	I	J	K	L
2758	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 9:27:05		VGA-DR-2018-0000375	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	58	
2759	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 13:55:39		VGA-DR-2018-0000377	Defect Report	DR - Crankcase Ventilation System	Audi	56	
2760	BMW	BMX	New Submission	Submitted	8/8/2018 4:08:38		BMX-DR-2018-0000380	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
2761	General Motors LLC	GMX	New Submission	Submitted	8/8/2018 13:46:49		GMX-DR-2018-0000363	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
2762	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2763	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2764	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2765	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:27:17		PRX-DR-2018-0000371	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne	3.6L
2766	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:27:17		PRX-DR-2018-0000371	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Cayenne Platinum	3.6L
2767	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	550i Gran Turismo	
2768	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	650i Coupe xDrive	
2769	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h AWD	
2770	Toyota Motor Corporation	TYX	New Submission	Superseded	8/13/2018 10:07:02	8/13/2018 13:30:33	TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350	
2771	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	SEQUOIA 4WD FFV	
2772	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TUNDRA 2WD FFV	
2773	General Motors LLC	GMX	New Submission	Submitted	8/20/2018 9:42:45		GMX-DR-2018-0000404	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2774	Porsche AG	PRX	Correction	Submitted	8/16/2018 8:59:10		PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera	3.0L
2775	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 C	

	M	N	O	P
2758		FVGAV04.0NUA	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2759		FVGAV04.0NUA	2015	Crankcase Ventilation System
2760		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2761		HGMXT03.6161	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2762		DMBXT03.0HD2	2013	Electrical Wiring, Sensor, and Actuator Systems
2763		BMBXT03.0HD2	2011	Electrical Wiring, Sensor, and Actuator Systems
2764		DMBXT03.0HD1	2013	Electrical Wiring, Sensor, and Actuator Systems
2765 Automatic.		HPRXV03.6PV6	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2766		HPRXV03.6PV6	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2767		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
2768		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
2769		HTYXT03.3P34	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
2770		GTYXT03.5MER	2016	Heating, Ventilation, and Air Conditioning (HVAC) System
2771		JTYXT05.7M58	2018	On-Board Diagnostic (OBD) System
2772		JTYXT05.7M58	2018	On-Board Diagnostic (OBD) System
2773		KGMXV06.2089	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2774 Automatic.		HPRXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
2775		ETYXV03.58EB	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	Customer Complaint: Fuel smell Component: Fuel Line Production Part Number: 079133986AB Replacement Part Number: 079133986AF				
2758	Analysis: Over time, the fuel supply line for the high pressure fuel pump may become porous, resulting in a fuel smell or a fuel leak.			1281	1281
	Customer Complaint: MIL on, and whistling sound from engine compartment. Component: PCV Valve/Oil Separator Production Part Number: 079103542B Warranty Replacement Part Number: 079103542E DTC present: - P2297 (Intake Air System Leak - adaption valve monitoring) - P0507 (Idle Control System - RPM Higher than expected)				
2759	Analysis reflects part number 079103542B Analyzed components showed a cracked membrane and/or broken check valve within the module of crankcase ventilation system.			4827	262
	The affected part number 13537805423 relates to the PRESSURE ACCUMULATOR (FUEL RAIL). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component PRESSURE ACCUMULATOR (FUEL RAIL) is/was working properly and has/had				
2760	no malfunction.	6/30/2014	5/31/2015	1505	348
2761	In certain vehicles, fuel in the high pressure fuel pump may hydraulically force open the pressure regulator valve prior to the control system commanding this valve to open. If this occurs it is possible for this valve movement to induce a back-EMF voltage into the engine control module circuit. The engine control module detects such a change in voltage as a control circuit fault and, then			85101	153
2762	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			6539	288
2763	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			4279	353
2764	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			11547	935
2765	The thermostat inserts (part# 95810612601 and 95810612602) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Analysis has found that the plastic body of the thermostat was deforming and allowing an internal coolant bypass. Also, for 2016MY, the diagnosis of the warm up behavior was inaccurate. The part and the software have been updated.			1036	25
2766	Thermostat inserts (part# 95810612601 and 95810612602) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Analysis has found that the plastic body of the thermostat was deforming and allowing an internal coolant bypass. Also, for 2016MY, the diagnosis of the warm up behavior was inaccurate. The part and the software have been updated.			1036	25
	The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions: a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk) b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.				
2767		2/28/2013	5/31/2014	15275	1833
	The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions: a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk) b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.				
2768		2/28/2013	5/31/2014	15275	1833
2769	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			11213	11213
2770	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			63694	63694
2771	Vehicles equipped with a 3UR-FBE flex fuel engine may experience a MIL 70N77 condition with DTCs P0171 (System Too Lean Bank 1), P0172 (System Too Rich Bank 1), P0174 (System Too Lean Bank 2), P0175 (System Too Rich Bank 2), P1604 (Start Failure Determination) and/or extended cranking. This condition is caused by fuel pressure below specification.			30022	30022
2772	Vehicles equipped with a 3UR-FBE flex fuel engine may experience a MIL 70N77 condition with DTCs P0171 (System Too Lean Bank 1), P0172 (System Too Rich Bank 1), P0174 (System Too Lean Bank 2), P0175 (System Too Rich Bank 2), P1604 (Start Failure Determination) and/or extended cranking. This condition is caused by fuel pressure below specification.			30022	30022
2773	Under a certain combination of engine operating events a single fuel injector may be remain open for up to 7.5 seconds due to an engine control module (ECM) software anomaly. This can result in low fuel rail pressure and cause an engine misfire event. The potential for this combination of events to occur under normal vehicle operation is very low.			759	1
	Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200: "Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean" Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material. Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software for the 3.0L version was changed.	10/10/2016	6/13/2017	3107	261
	The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.			924	924
2775					

	A	B	C	D	E	F	G	H	I	J	K	L
2776	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 AWD	
2777	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 AWD	
2778	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Targa 4S	3.8L
2779	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera 4S	3.8L
2780	Volvo Car USA, LLC	VVX	New Submission	Submitted	9/5/2018 11:50:15		VVX-DR-2018-0000534	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
2781	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	740i	
2782	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i xDrive Gran Coupe	

	M	N	O	P
2776		DTYXV03.5BEB	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2777		CTYXV03.5BEB	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2778	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
2779	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
2780		GVVXT02.0P3T	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2781		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2782		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
2775	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			1403	1403
2777	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			3909	3909
2778	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			10578	146
2779	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			10578	146
2780	<p>The cooling circuit for the electric drivetrain (PHEV), maintains a controlled operating temperature for the following electrical components thru the low temperature cooling circuit: ? Inverter Electric Rear Axle Drive Module (IEM). ? Electric Rear Axle Drive (ERAD). ? On-Board Charger Module (OBC). ? Inverter Generator Module (IGM).</p> <p>The electric drivetrain coolant thermostat (ED), within the low temperature cooling circuit, is a typical wax thermostat, and controls coolant flow to the Hybrid drive radiator (Unit has separate radiator).</p> <p>Initial analysis of returned coolant thermostats indicate wax leakage from within the copper capsule/bulb. Failures of this type result in closed thermostat condition.</p>			2230	2230
2781	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/6/2018	810	810
2782	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/6/2018	810	810

	A	B	C	D	E	F	G	H	I	J	K	L
2783	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i xDrive Gran Coupe	
2784	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i xDrive Coupe	
2785	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i xDrive	
2786	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i xDrive Convertible	
2787	Mazda Motor Corporation	TXK	New Submission	Submitted	9/7/2018 0:15:45		TXK-DR-2018-0000304	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]			
2788	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
2789	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	540i	
2790	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	540i xDrive	

	M	N	O	P
2783		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2784		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2785		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2786		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2787		JTKXJ02.5CDA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2788		FTYXJ02.5BEL	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2789		JBMXJ03.0B5X	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2790		HBMXV03.0B5X	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2791	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	M760i xDrive	
2792	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740i	
2793	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	530i xDrive	
2794	FCA US LLC	CRX	New Submission	Submitted	8/27/2018 14:52:47		CRX-DR-2018-0000509	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	ALFA ROMEO	Giulia	
2795	FCA US LLC	CRX	New Submission	Submitted	9/5/2018 15:09:54		CRX-DR-2018-0000535	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Grand Cherokee 4x4	
2796	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
2797	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
2798	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V FWD	
2799	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	
2800	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
2801	FCA US LLC	CRX	New Submission	Submitted	9/18/2018 13:16:54		CRX-DR-2018-0000588	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler 4x4	
2802	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2803	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2804	Mercedes Benz	MBX	New Submission	Submitted	9/20/2018 4:01:14		MBX-DR-2018-0000594	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2805	Kia Motors Corporation	KMX	New Submission	Submitted	9/20/2018 10:05:35		KMX-DR-2018-0000059	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Cadenza	
2806	Volvo Car USA, LLC	VVX	New Submission	Superseded	9/26/2018 11:22:14	1/30/2019 10:01:39	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
2807	FCA US LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4x2	
2808	FCA US LLC	CRX	New Submission	Submitted	9/27/2018 10:11:16		CRX-DR-2018-0000604	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	RAM	1500 4x4	
2809	General Motors LLC	GMX	New Submission	Submitted	9/30/2018 16:54:44		GMX-DR-2018-0000597	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2810	Porsche AG	PRX	New Submission	Superseded	10/3/2018 10:11:36	10/3/2018 12:56:43	PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera 4S Executive	2.9L
2811	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:05:12	10/3/2018 11:13:00	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
2812	Hyundai Motor Company	HYX	Correction	Superseded	10/3/2018 11:05:12	10/3/2018 11:13:00	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	ACCENT	
2813	Hyundai Motor Company	HYX	Correction	Submitted	10/3/2018 11:13:00		HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
2814	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
2815	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
2816	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
2817	Toyota Motor Corporation	TYX	New Submission	Submitted	9/28/2018 15:34:51		TYX-DR-2018-0000606	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450h AWD	

	M	N	O	P
2791		JBMXV06.6N74	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2792		HBMXV03.0B58	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2793		HBMXV02.0B4X	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2794		ECRXJ02.0SP0	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2795		ECRXJ03.63PA	2014	On-Board Diagnostic (OBD) System
2796		JHNXV01.3562	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2797		JHNXV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2798		JHNXT01.54R3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2799		JHNXV01.5TH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2800 CVT		GHNXV01.3562	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2801		JCRXT02.0SP1	2018	Exhaust Gas Recirculation (EGR) System
2802		KCRXT02.0SP0	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2803		JCRXV03.65P0	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2804		HMBXT02.0U2A	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2805		HKMXV03.34KF	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2806		GVVXT02.0U3T	2016	Catalyst System
2807		KCRXT05.75P1	2019	On-Board Diagnostic (OBD) System
2808		KCRXT05.75P0	2019	Electrical Wiring, Sensor, and Actuator Systems
2809		HGMXV01.5002	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2810 Automatic		HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
2811		FHYV01.61CE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2812		CHYXV01.6RW5	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2813		FHYV01.61CE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2814 6MT		HHNXV01.36H9	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2815		HHNXV01.5XH2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2816		JHNXT01.51R3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2817		GTYXT03.5PC4	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
2818	Audi	ADX	New Submission	Submitted	10/19/2018 8:02:47		ADX-DR-2018-0000639	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
2819	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/19/2018 8:31:03		VGA-DR-2018-0000640	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
2820	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/19/2018 8:31:03		VGA-DR-2018-0000640	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta Hybrid	
2821	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/19/2018 8:31:03		VGA-DR-2018-0000640	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
2822	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/19/2018 8:31:03		VGA-DR-2018-0000640	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Tiguan	
2823	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:53:57	5/22/2019 15:51:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger AWD	
2824	Ford Motor Company	FMX	Correction	Submitted	10/11/2018 10:28:30		FMX-DR-2018-0000275	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2825	BMW	BMX	New Submission	Superseded	10/8/2018 3:57:22	1/29/2019 9:35:27	BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	Mini Cooper Convertible	

	M	N	O	P
2818		DADX02.03UA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
2819		HVGAV03.6VUG	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2820		GVGAV01.4VPA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2821		GVGAV03.6VUG	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2822		FVGJ02.0VUE	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
2823		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2824		GFMXV02.3VJW	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2825		GBMXV01.5M36	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<div>-Complaint: Not Applicable -Component: Transmission Control Software Calibration -Production Part Numbers: N/A -Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. -DTCs Present: Not Applicable -Analysis reflects part numbers (Software calibrations): 02E3000578_3114 -Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>			1	1
2818					
	<div>-Complaint: Not Applicable -Component: Transmission Control Software Calibration -Production Part Numbers: N/A -Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. -DTCs Present: Not Applicable -Analysis reflects part numbers (Software calibrations): 02E300062K_4002 09G927750PE_2630 0CG300045J_6403 -Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>			72	72
2819	Of the affected 777 Model Year 2015 7 2017 vehicles, 772 vehicles were represented by 1 of 3 Test Groups Reported; the remaining 2 Test Groups contain the 5 remaining vehicles.				
	<div>-Complaint: Not Applicable -Component: Transmission Control Software Calibration -Production Part Numbers: N/A -Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. -DTCs Present: Not Applicable -Analysis reflects part numbers (Software calibrations): 02E300062K_4002 09G927750PE_2630 0CG300045J_6403 -Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>			4	4
2820	Of the affected 777 Model Year 2015 7 2017 vehicles, 772 vehicles were represented by 1 of 3 Test Groups Reported; the remaining 2 Test Groups contain the 5 remaining vehicles.				
	<div>-Complaint: Not Applicable -Component: Transmission Control Software Calibration -Production Part Numbers: N/A -Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. -DTCs Present: Not Applicable -Analysis reflects part numbers (Software calibrations): 02E300062K_4002 09G927750PE_2630 0CG300045J_6403 -Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>			226	226
2821	Of the affected 777 Model Year 2015 7 2017 vehicles, 772 vehicles were represented by 1 of 3 Test Groups Reported; the remaining 2 Test Groups contain the 5 remaining vehicles.				
	<div>-Complaint: Not Applicable -Component: Transmission Control Software Calibration -Production Part Numbers: N/A -Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. -DTCs Present: Not Applicable -Analysis reflects part numbers (Software calibrations): 02E300062K_4002 09G927750PE_2630 0CG300045J_6403 -Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>			1	1
2822	Of the affected 777 Model Year 2015 7 2017 vehicles, 772 vehicles were represented by 1 of 3 Test Groups Reported; the remaining 2 Test Groups contain the 5 remaining vehicles.				
	<div>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate. Kia will replace the misprinted filler caps with the right ones.</div>			307	307
2823	Some 2015-16 2.3L Mustang gasoline turbocharged direct injection (GTDI) vehicles may experience damage to the check valve internal seal or have a displaced membrane on the evaporative emissions canister purge valve (CPV), which are both components to the fuel vapor hose assembly.			41238	4241
2824					
	<div>The affected part number 13907614013 relates to the FUEL TANK BREATHER VALVE. Analyses have shown, that in 100% of all cases one of the following two different hardware failures could cause the malfunctioning tank breather valve, which are both detected by the OBD system (fault code entry including MIL illumination): Failure #1 (Knobs failure mode): The rubber structure of the knobs pressed in the hole of the valve bumper could crack in the area between chamfer and hole and in the following could detach and get lost in the backside. Due to the missing rubber structure there is a metal to metal contact in the fuel tank breather valve, which could result in a blocked valve and could lead to a too lean fuel mixture, which is detected by the OBD. Failure #2 (Retractable membrane): Due to failures in the production process the retractable membrane (plastic material) of the non-return valve could brake completely. This malfunction could be caused either by an extruding failure or by a pre-damage of the membrane due to a ridge on the seat engaging surface of the anker. For vehicles with one fuel tank breather valve this malfunction (broken membrane) will be detected by the OBD as small leakage, for vehicles with two valve as a leakage of the second purge line.</div>	6/30/2015	6/29/2016	16499	4950
2825					

	A	B	C	D	E	F	G	H	I	J	K	L
2826	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i	
2827	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Convertible	
2828	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
2829	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 HFE 4X2	
2830	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
2831	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 HFE 4X2	

	M	N	O	P
2826		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2827		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2828		GCRXT03.05PV	2016	Exhaust Gas Recirculation (EGR) System
2829		GCRXT03.05PV	2016	Exhaust Gas Recirculation (EGR) System
2830		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
2831		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
2826	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP.</p> <p>Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
2827	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP.</p> <p>Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
2828	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler.</p> <p>7457 (16%) had a plugged or restricted EGR cooler due to soot.</p> <p>7108 (3.7%) had an EGR bypass that was stuck or broken.</p> <p>7106 (3.70%) had an issue with an adjoining component</p> <p>751 (1.78%) had an external EGR cooler leak</p> <p>750 (1.75%) had an unknown failure not related to the EGR cooler</p>			32075	1047
2829	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler.</p> <p>7457 (16%) had a plugged or restricted EGR cooler due to soot.</p> <p>7108 (3.7%) had an EGR bypass that was stuck or broken.</p> <p>7106 (3.70%) had an issue with an adjoining component</p> <p>751 (1.78%) had an external EGR cooler leak</p> <p>750 (1.75%) had an unknown failure not related to the EGR cooler</p>			32075	1047
2830	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler.</p> <p>7457 (16%) had a plugged or restricted EGR cooler due to soot.</p> <p>7108 (3.7%) had an EGR bypass that was stuck or broken.</p> <p>7106 (3.70%) had an issue with an adjoining component</p> <p>751 (1.78%) had an external EGR cooler leak</p> <p>750 (1.75%) had an unknown failure not related to the EGR cooler</p>			13771	89
2831	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler.</p> <p>7457 (16%) had a plugged or restricted EGR cooler due to soot.</p> <p>7108 (3.7%) had an EGR bypass that was stuck or broken.</p> <p>7106 (3.70%) had an issue with an adjoining component</p> <p>751 (1.78%) had an external EGR cooler leak</p> <p>750 (1.75%) had an unknown failure not related to the EGR cooler</p>			13771	89

	A	B	C	D	E	F	G	H	I	J	K	L
2832	FCA US LLC	CRX	New Submission	Submitted	11/3/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	
2833	Audi	ADX	New Submission	Submitted	11/7/2018 15:06:31		ADX-DR-2018-0000691	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A3	
2834	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	Jetta	
2835	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 11:49:26		NSX-DR-2018-0000664	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 FWD	
2836	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 11:49:26		NSX-DR-2018-0000664	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 2WD	
2837	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/7/2018 19:40:57		HNX-DR-2018-0000693	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	NSX	
2838	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD 2.0T SPORT/TOURING	2.0L
2839	Kia Motors Corporation	KMX	New Submission	Submitted	11/12/2018 11:44:21		KMX-DR-2018-0000709	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Soul	1.6Liter
2840	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta	
2841	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	CC	
2842	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	R57	
2843	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000661	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS v	

	M	N	O	P
2832		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
2833		DADXV02.03PA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2834		DVWXI02.03UA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2835		JNSXT03.5P7A	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2836		JNSXT03.5P7A	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2837		JHNVX03.5CH4	2018	On-Board Diagnostic (OBD) System
2838	10AT	JHNVX02.06K3	2018	On-Board Diagnostic (OBD) System
2839		KKMXV01.6B46	2019	On-Board Diagnostic (OBD) System
2840		DVWXV02.03PA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
2841		DVWXI02.03UA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
2842		GVGAV04.0KUA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2843		DTYXV01.8CCU	2013	Hybrid Vehicle System

	Q	R	S	T	U
	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>7 2091 (73 %) had an internal leak in the EGR cooler. 7 437 (16%) had a plugged or restricted EGR cooler due to soot. 7 108 (3.7%) had an EGR bypass that was stuck or broken. 7 106 (3.70%) had an issue with an adjoining component 7 51 (1.78%) had an external EGR cooler leak 7 50 (1.75%) had an unknown failure not related to the EGR cooler</p>				
2832				13771	89
	<p>Complaint: MIL on Component: Fuel Injector Production Part Number: 06H 906 036 G Replacement Part Number: 06H 906 036 P DTCs Present: P0300-P0304 (Random/Multiple Cylinder Misfire Detected) P130A (Hide Cylinder) P0087 (Fuel Rail/System Pressure ? Too Low) Part Analysis reflects part number: 06H 906 036 G 17x ? Internal leakage / Stuck by metal debris 4x ? Contamination by Carbon 21x ? No Trouble Found</p>			12379	258
	<p>Complaint: MIL on Component: Fuel Injector Production Part Number: 06H 906 036 G Replacement Part Number: 06H 906 036 P DTCs Present: P0300-P0304 (Random/Multiple Cylinder Misfire Detected) P130A (Hide Cylinder) Part Analysis reflects part number: 06H 906 036 G 38x ? Torn filter-mesh 22x ? Internal Leak 7x ? Excessive carbon build-up 5x ? Clogged spray ports 35x ? NTF</p>			50147	999
2833	On some 2018 Nissan Pathfinder and Infiniti QX60 vehicles, in certain cold weather conditions, customers are experiencing MIL illumination (DTC P34A5 and/or P34A9) for an electric intake valve timing control (EVTIC) motor temperature sensor. Nissan has investigated and found that the monitored temperature gap was incorrec	5/3/2017	12/18/2017	34757	44
2834	On some 2018 Nissan Pathfinder and Infiniti QX60 vehicles, in certain cold weather conditions, customers are experiencing MIL illumination (DTC P34A5 and/or P34A9) for an electric intake valve timing control (EVTIC) motor temperature sensor. Nissan has investigated and found that the monitored temperature gap was incorrec	5/3/2017	12/18/2017	34757	44
2835	Due to incorrect programming of the PCM, after disconnecting the battery the PCM does not output the slave CPU calibration ID in response to the second and subsequent requests of a Generic Scan Tool (GST).	12/4/2017		96	9
2836	The OBD system may falsely detect a malfunction of the "Shift by wire Control (Incorrect parking lock indication)" when driver push "parking" button in a certain condition.	11/16/2017	10/15/2018	49027	1
	<p>2019 model year KIA Soul equipped with 1.6L engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause for this condition is an improper calibration of the engine coolant modeling temperature data. The ECU has a difference between modeling temperature data of the engine coolant and the actual engine coolant Temperature data. To correct this problem, Kia will reprogram the ECU data</p>			30906	42
2840	<p>Complaint: Not Applicable Component: Transmission Control Software Calibration Production Part Numbers: N/A Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. DTCs Present: Not Applicable Analysis reflects part numbers (Software calibrations): 02E300012M_2099 02E300057Q_3119 02E300058N_3501 02E300058N_3504 02E300058N_3512 02E300058N_3520 02E300062K_4002 0CG300045F_5303 0CG300045F_5308 0CG300045G_5801 02E300057R_3114 Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns. Of the affected 301 Model Year 2013 ? 2014 vehicles, 286 vehicles are represented by 3 of the 7 Test Groups reported; the remaining 4 Test Groups have 9 or less vehicles.</p>			9	9
2841	<p>Complaint: Not Applicable Component: Transmission Control Software Calibration Production Part Numbers: N/A Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. DTCs Present: Not Applicable Analysis reflects part numbers (Software calibrations): 02E300012M_2099 02E300057Q_3119 02E300058N_3501 02E300058N_3504 02E300058N_3512 02E300058N_3520 02E300062K_4002 0CG300045F_5303 0CG300045F_5308 0CG300045G_5801 02E300057R_3114 Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns. Of the affected 301 Model Year 2013 ? 2014 vehicles, 286 vehicles are represented by 3 of the 7 Test Groups reported; the remaining 4 Test Groups have 9 or less vehicles.</p>			4	4
2842	<p>Complaint: MIL and/or Runs Rough Cause: ECM Software 1)Diagnostic signal for Knock Sensor 2 is too low/high and unauthorized error messages are generated. 2)With dynamic load changes misfires can occur (without DTCs). 3)Oil level warning lamp is illuminated (too high). 4)Misfire in COD operation (Cylinder On Demand). 5)The stopping time of the coolant pump may be, under certain conditions, too short to prevent cooling system damage. Correction: updated ECM software 1)The knock sensor diagnostic has been optimized (data adjustment). 2)The combustion is adapted and optimized in the engine control. 3)The threshold for oil level warning is too small. Consequently the threshold for the oil level warning has been increased and adapted. The request for warming up occurs earlier. 4)The running time while in COD mode is reduced. To prevent misfires when switching to full engine operation, the parameters have been adjusted. 5)The stopping time of the coolant pump was adjusted to prevent damage to the cooling system. Model Year/Model/Production Software/Replacement Software 2015A8L4H0906014J V00054H0906014J V0006 2015S84H0907557D V00054H0907557D V0006 2016R57/R57 Perf 4G0906056G V00014G0906056G V0002 2016S84H0907557F V00024H0906557F V0003 2016S84H0907557H V00014H0907557H V0002 2016A8L4H0906014N V00014H0906014N V0002 2016S6_374G0906014D V00024G0906014D V0002</p>			6726	6726
2843	The subject vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high voltage to be generated that could exceed a certain limit i			33795	33795

	A	B	C	D	E	F	G	H	I	J	K	L
2844	Audi	ADX	New Submission	Superseded	10/30/2018 15:00:07	10/30/2018 15:26:49	ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A6 quattro	
2845	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A7 quattro	
2846	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:37:36		GMX-DR-2018-0000708	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
2847	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CONVERTIBLE	
2848	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CLUBMAN	
2849	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X5 xDrive 35d	
2850	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X5 xDrive 35d	
2851	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X3 xDrive 28d	
2852	BMW	BMX	Correction	Submitted	11/21/2018 7:13:49		BMX-DR-2018-0000732	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	BMW	530e	

	M	N	O	P
2844		EADX03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
2845		GVS403.0NJA	2016	Electrical Wiring, Sensor, and Actuator Systems
2846		JGMXV03.6048	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
2847		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
2848		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
2849		HBMXT03.0N57	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2850		EBMXT03.0N57	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2851		GBMXT02.0N47	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2852		JBMXV02.0H30	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
2844	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			12570	864
2845	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			3962	312
2846	In certain vehicles, insulation foam surrounding the air conditioning evaporator may prevent condensate from properly draining from the evaporator. Condensate that is held in contact with the evaporator may freeze and damage the evaporator resulting in a refrigerant leak.			5799	241
2847	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	13108	13108
2848	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	13108	13108
2849	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	7/31/2016	8/30/2017	1821	1821
2850	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	11/30/2013	7/30/2014	4038	4038
2851	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	3/31/2015	3/30/2016	1695	1695
2852	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description:</p> <p>In case a limp home mode (full throttle operation instead of variable valve lift/ring timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	2/28/2017	6/29/2018	8797	8797

	A	B	C	D	E	F	G	H	I	J	K	L
2853	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
2854	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive 35d	
2855	Hyundai Motor Company	HYX	New Submission	Submitted	11/27/2018 9:08:23		HYX-DR-2018-0000735	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Santa Fe FWD	
2856	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li xDrive	
2857	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i xDrive	
2858	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Coupe xDrive	
2859	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Convertible xDrive	
2860	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:43:40		MBX-DR-2018-0000718	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
2861	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:14:57		MBX-DR-2018-0000715	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2862	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:18:21		MBX-DR-2018-0000716	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2863	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:18:21		MBX-DR-2018-0000716	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
2864	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
2865	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
2866	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
2867	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
2868	BMW	BMX	New Submission	Superseded	11/14/2018 10:02:29	11/14/2018 10:17:56	BMX-DR-2018-0000727	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X6 xDrive50i	
2869	BMW	BMX	Correction	Submitted	11/14/2018 10:17:56		BMX-DR-2018-0000727	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X6 xDrive50i	
2870	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
2853		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
2854		HBMXT03.0N57	2017	Exhaust Gas Recirculation (EGR) System
2855		KHYXV02.4MH5	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2856		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2857		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2858		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2859		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2860		JMBXV04.0U2A	2018	Exhaust System (Other than EGR and Catalyst Systems)
2861		FMBXV04.0U2A	2015	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2862		JMBXV04.0U2A	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2863		FMBXV04.0U2A	2015	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2864		JMBXV06.0U2A	2018	On-Board Diagnostic (OBD) System
2865		KMBXJ03.0U2A	2019	On-Board Diagnostic (OBD) System
2866		JMBXJ02.0U2C	2018	On-Board Diagnostic (OBD) System
2867		HMBXV05.5U2A	2017	Catalyst System
2868		EBMXT04.4F15	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2869		EBMXT04.4F15	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2870		JMBXV02.0U2A	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
2853					
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	7/31/2016	8/30/2017	1821	1821
2854					
	<p>ome 2019MY Santa Fe vehicles with 2.4L GDI engine may experience an unintentional vibration when the off ISG is in the off condition.</p> <p>Hyundai will change the TPS close angle to improve this problem when the ISG is turned off.</p> <p>The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the S Series models 550i and 550i xDrive where another hardware (different pressure sensor with diff</p> <p>The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the S Series models 550i and 550i xDrive where another hardware (different pressure sensor with diff</p> <p>The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the S Series models 550i and 550i xDrive where another hardware (different pressure sensor with diff</p> <p>The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the S Series models 550i and 550i xDrive where another hardware (different pressure sensor with diff</p> <p>Daimler AG has determined that on certain C-Class (platform 205) and G7/GTS-Class (platform 190) vehicles with 9-cylinder gasoline engines a logic error in the software may result in increased emissions over time the exhaust system ages (more than 62,000 miles mileage).</p> <p>Daimler AG has determined that on certain C-Class vehicles (205 platform) the scantool output of the in-use performance ratio of the tank leak diagnosis could be incorrect due to a software error. In case of the described defect, the scantool output of the in-use performance ratio is always zero, although the diagnosis system works properly.</p> <p>Daimler AG has determined that certain C-Class vehicles (205 platform) experience a software error. Due to moisture in the pump module, the electric signals that control the pump of the tank leak diagnosis might be misinterpreted by the system. In this case a fault would be detected erroneously and the MIL would be activated falsely although the system works properly. Subsequently</p> <p>Daimler AG has determined that certain C-Class vehicles (205 platform) experience a software error. Due to moisture in the pump module, the electric signals that control the pump of the tank leak diagnosis might be misinterpreted by the system. In this case a fault would be detected erroneously and the MIL would be activated falsely although the system works properly. Subsequently</p> <p>Daimler AG has determined that certain C-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning di</p> <p>Daimler AG has determined that certain C-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning di</p> <p>Daimler AG has determined that certain E-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning di</p>	6/30/2012	6/29/2013	10153	14
2855					
2856					
2857					
2858					
2859					
2860					
2861					
2862					
2863					
2864					
2865					
2866					
	<p>Daimler AG has determined that on certain GLF-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination:</p> <p>The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated.</p> <p>In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			1348	0
2867					
	<p>The affected part number 13538616079 relates to component injection valve (fuel injector) by supplier Continental, which is only used for model X6 xDrive50i (for model X5 xDrive50i an injector by supplier Bosch is built; please see also EDIR-0E-N63TUE-0251). This part number 13538616079 is used in production beginning with 02/2013. Analyses have shown, that in about 50% of all cases the component injection valve was replaced due to misfire events including fault code storage and MIL illumination. In general these misfire events were caused by an electrical malfunction (faulty operation of the injector) due to contamination (welding bead) at the contact/connection caused by the supplier during the production process. In addition leakages due to gelation of the compensator (in general after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector) or a defective filter material (filter material shows breaks pollutant particles leading to temporary or steady leakages of the injection valve) could also lead to the misfire events. In the other 50% of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. In these cases other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for the fault code storage (e.g. for misfire) and MIL illumination.</p>	3/31/2013	12/30/2014	4615	2215
2868					
	<p>The affected part number 13538616079 relates to component injection valve (fuel injector) by supplier Continental, which is only used for model X6 xDrive50i (for model X5 xDrive50i an injector by supplier Bosch is built; please see also EDIR-0E-N63TUE-0251). This part number 13538616079 is used in production beginning with 02/2013. Analyses have shown, that in about 50% of all cases the component injection valve was replaced due to misfire events including fault code storage and MIL illumination. In general these misfire events were caused by an electrical malfunction (faulty operation of the injector) due to contamination (welding bead) at the contact/connection caused by the supplier during the production process. In addition leakages due to gelation of the compensator (in general after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector) or a defective filter material (filter material shows breaks pollutant particles leading to temporary or steady leakages of the injection valve) could also lead to the misfire events. In the other 50% of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. In these cases other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for the fault code storage (e.g. for misfire) and MIL illumination.</p>	3/31/2013	12/30/2014	4615	2215
2869					
	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a short cut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed short cut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			1330	0
2870					

	A	B	C	D	E	F	G	H	I	J	K	L
2871	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2872	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2873	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2874	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2875	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
2871		CMBXT05.SU2A	2012	On-Board Diagnostic (OBD) System
2872		EMBXI03.S52A	2014	On-Board Diagnostic (OBD) System
2873		EMBXI03.SU2A	2014	On-Board Diagnostic (OBD) System
2874		FMBXV03.SU2C	2015	On-Board Diagnostic (OBD) System
2875		GMBXV02.0U2A	2016	On-Board Diagnostic (OBD) System
2876		JMBXT03.0U2B	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
2871	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			1662	0
2872	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			78399	0
2873	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			50179	0
2874	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			12225	0
2875	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			2521	0
2876	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			7510	0

	A	B	C	D	E	F	G	H	I	J	K	L
2877	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2878	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2879	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2880	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2881	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2882	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
2883	General Motors LLC	GMX	New Submission	Submitted	11/14/2018 12:22:30		GMX-DR-2018-0000705	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			

	M	N	O	P
2877		HMBXV02.0U2C	2017	On-Board Diagnostic (OBD) System
2878		DMBXJ03.SU2A	2013	On-Board Diagnostic (OBD) System
2879		HMBXJ02.0U2C	2017	On-Board Diagnostic (OBD) System
2880		HMBXT03.0HY1	2017	On-Board Diagnostic (OBD) System
2881		CMBXJ03.SU2B	2012	On-Board Diagnostic (OBD) System
2882		JMBXJ02.0U2B	2018	On-Board Diagnostic (OBD) System
2883		DGMXT05.3381	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
2877	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			471	0
2878	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			11964	0
2879	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			158994	0
2880	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			388	0
2881	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			12139	0
2882	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			26463	0
2883	<p>Avapor lock condition in the fuel delivery system can occur after extended periods of engine idle when the ambient temperature is greater than 100 degF. Under these conditions the fuel flow rate from the in-tank mounted fuel pump may be sufficiently low that the liquid fuel can vaporize in the fuel delivery system and fuel pump resulting in pump cavitation or stalling.</p>			3129	8

	A	B	C	D	E	F	G	H	I	J	K	L
2884	BMW	BMX	New Submission	Submitted	12/3/2018 3:12:16		BMX-DR-2018-0000746	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
2885	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	
2886	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:59:46		CRX-DR-2018-0000783	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica PHEV	
2887	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
2888	BMW	BMX	New Submission	Superseded	12/5/2018 9:45:25	12/10/2018 6:36:31	BMX-DR-2018-0000757	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
2889	BMW	BMX	New Submission	Submitted	12/5/2018 10:05:10		BMX-DR-2018-0000758	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X3 xDrive28d	
2890	Hyundai Motor Company	HTX	New Submission	Submitted	12/6/2018 14:27:40		HTX-DR-2018-0000763	Defect Report	DR - On-Board Diagnostic (OBD) System	GENESIS	G90 AWD	
2891	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S HARDTOP 4 DOOR	
2892	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CLUBMAN ALL4	
2893	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	MINI COOPER SE COUNTRYMAN ALL4	

	M	N	O	P
2884		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2885		JCRXT03.6SP3	2018	On-Board Diagnostic (OBD) System
2886		HCRXT03.6SP0	2017	On-Board Diagnostic (OBD) System
2887		BADXV05.2LR8	2011	On-Board Diagnostic (OBD) System
2888		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2889		GBMXT02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2890		KHYXV05.0JMS	2019	On-Board Diagnostic (OBD) System
2891		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
2892		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
2893		KBMXV01.5H60	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
2894	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	18 Roadster	
2895	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER HARDTOP 4 DOOR	
2896	BMW	BMX	Correction	Submitted	12/10/2018 6:27:56		BMX-DR-2018-0000755	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
2897	Jaguar Land Rover Limited	JLX	New Submission	Superseded	12/13/2018 13:21:45	1/29/2019 17:09:44	JLX-DR-2018-0000775	Defect Report	DR - On-Board Diagnostic (OBD) System			
2898	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT 2WD	
2899	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT 4WD	
2900	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD A-SPEC	
2901	BMW	BMX	New Submission	Submitted	12/20/2018 4:55:35		BMX-DR-2018-0000789	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	Mini Cooper S Paceman	
2902	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BEEETLE COVVERTIBLE	
2903	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Passat	

	M	N	O	P
2894		KBMXV01.518P	2019	On-Board Diagnostic (OBD) System
2895		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
2896		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2897		FJLXT02.0FTP	2015	On-Board Diagnostic (OBD) System
2898 9AT		GHNXV03.5VA3	2016	On-Board Diagnostic (OBD) System
2899 9AT		GHNXV03.5VA3	2016	On-Board Diagnostic (OBD) System
2900 9AT		JHNXV03.5LH3	2015	On-Board Diagnostic (OBD) System
2901		GBMXV01.6N18	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2902		EWXV02.5M59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2903		DVWXV02.5M59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
2894	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	10/30/2019	532	532
2895	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	2/27/2019	6144	6144
2896	The affected part number 13537805423 relates to the FUEL RAIL [PRESSURE ACCUMULATOR]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OG-N57/N47-0311. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL [PRESSURE ACCUMULATOR] is/was working properly and has/had no malfunction.	6/30/2015	9/30/2016	1209	359
2897	A customer may express a concern that the Malfunction Indicator Lamp (MIL) is illuminated on the Instrument Cluster (IC) with the following DTCs: P2096 or P2097. This may be caused by an oversensitivity within the On-board Diagnostics (OBD) resulting in a false flag.			1996	235
2898	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	2/2/2015	11/7/2016	134326	314
2899	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	2/2/2015	11/7/2016	134326	314
2900	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	4/11/2017	3/22/2018	20451	0
2901	The affected part number 11538674895 relates to the Thermostat (including a map controlled heating element). This component has been used beginning with 07/2016 in production. It also has been used in service since 07/2016 as replacement part, whenever a component with part number 11537647751 used in production by 06/2016 was malfunctioning. Analysis has shown, that in about 100 percent of all cases for model year 2016 models listed above, the originally built thermostat (11537647751) was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion leads to an increased power resistance of the connecting (pin), which is detected by the OBD system including fault code storage and MIL illumination. After this thermostat malfunction is detected (confirmed), the thermostat is still mechanical controlled (wax elements melts due to rising engine cooling water temperature and not map controlled by the heating element anymore) as a conventional thermostat. The successfully built in thermostat (11538674895) didn't show significant numbers of malfunctions as pre described and so could be handled as a robust hardware. The Weibull and valid failure values reported in this document for test group GBMXV01.6N18 and part number 11538674895 relates therefore to the build thermostat with part number 11537647751. Component with part number 11538674895 is a robust hardware and itself has/had no malfunction, but was/is working properly.	6/30/2015	10/30/2016	13901	4782
2902	ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found			931	24
2903	ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found			6133	156

	A	B	C	D	E	F	G	H	I	J	K	L
2904	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	GOLF	
2905	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Passat	
2906	Toyota Motor Corporation	TYX	New Submission	Submitted	1/28/2019 12:33:22		TYX-DR-2019-0000001	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	COROLLA HATCHBACK XSE	
2907	Audi	ADX	New Submission	Submitted	12/21/2018 11:09:17		ADX-DR-2018-0000804	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	GTI	
2908	Audi	ADX	New Submission	Submitted	12/21/2018 11:09:17		ADX-DR-2018-0000804	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	GTI	
2909	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta	
2910	Audi	ADX	New Submission	Submitted	12/21/2018 11:37:39		ADX-DR-2018-0000805	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GTI	
2911	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC 4MOTION	

	M	N	O	P
2904		DVWXV02.5M59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2905		DVWXV02.5A59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2906		KTYXV02.0N48	2019	Drivetrain/Transmission System
2907		DADXV02.03PA	2013	Drivetrain/Transmission System
2908		EADXV02.03PA	2014	Drivetrain/Transmission System
2909		GVGAV02.0VBD	2016	Drivetrain/Transmission System
2910		EADXV02.03PA	2014	On-Board Diagnostic (OBD) System
2911		DVWXV03.6U46	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected ? fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</p>				
2904				6133	156
	<p>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected ? fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</p>				
2905				144090	2973
2906	The subject vehicles are equipped with a Continuously Variable Transmission (CVT) assembly that uses a pump impeller and transmission oil in the torque converter to transfer engine power from the engine to the transmission. There is a possibility that, due to an error in the manufacturing process at the facility where the torque converters were assembled, some of the blades of the p			3424	3424
	<p>ComplaintNot Applicable DTCs PresentNot Applicable ComponentTransmission Control Software Calibration Part Number - ProductionNot Applicable Part Number - Replacement02E3000578 V3114 Part Number - Analysis 02E30058P V3509 AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>				
2907				2	2
	<p>ComplaintNot Applicable DTCs PresentNot Applicable ComponentTransmission Control Software Calibration Part Number - ProductionNot Applicable Part Number - Replacement02E3000578 V3114 Part Number - Analysis 02E30058P V3509 AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>				
2908				1	1
	<p>ComplaintNot Applicable DTCs PresentNot Applicable ComponentTransmission Control Software Calibration Part Number - ProductionNA Part Number - Replacement02E300062K V4002 09G91750PE V2630 0CG300045J V6403 09D300012 V4521 009300012 V4939 Part Number - Analysis 03H9060023BM V6179 03H9060023BM V6875 03H906023C V2136 03H9060230C V3177 04E906023AE V1702 06J906027HD V7871 09D300012L V4932 009300012 V4905 AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>				
2909				5	5
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:1K0907115Af_0010 Part Number ? Replacement:To be determined Part Number ? Analysis:See attached table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software EAD XV02.03PAGOLF 2.0 GTI 147 D6F20140BD Phase in 1K0907115Af_0020</p>				
2910				1	1
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DWWX02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DWWX02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L P2EV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DWWX02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DWWX02.54S9VW Beetle/Convertible, Golf, Passat, Jetta 2.5L P2EV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DWWX02.5M59VW Beetle/Convertible, Golf, Passat, Jetta 2.5L P2EV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DWWX03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p>				
2911	03H906023E_3013			59	59

	A	B	C	D	E	F	G	H	I	J	K	L
2912	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	TIGUAN	
2913	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	
2914	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
2915	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Eos	
2916	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE CONVERTIBLE	
2917	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	

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2912		DVWXJ02.03UA	2013	On-Board Diagnostic (OBD) System
2913		DVWXJ02.03UA	2013	On-Board Diagnostic (OBD) System
2914		DVWXJ02.03UA	2013	On-Board Diagnostic (OBD) System
2915		DVWXJ02.03UA	2013	On-Board Diagnostic (OBD) System
2916		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
2917		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			235	235
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			235	235

	A	B	C	D	E	F	G	H	I	J	K	L
2918	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC 4MOTION	
2919	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
2920	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BEETLE	
2921	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	
2922	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:56:53		GMX-DR-2018-0000790	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2923	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:56:53		GMX-DR-2018-0000790	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2924	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Tiguan	
2925	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/30/2019 13:16:43		NSX-DR-2019-0000381	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	INFINITI	QX50 AWD	
2926	BMW	BMX	New Submission	Submitted	2/15/2019 7:12:40		BMX-DR-2019-0000123	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
2927	Mercedes Benz	MBX	New Submission	Submitted	6/18/2019 7:02:20		MBX-DR-2019-0000440	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
2928	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX 4WD	
2929	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD	
2930	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 10:01:35		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	1.5L

	M	N	O	P
2918		DVWXV03.6U46	2013	On-Board Diagnostic (OBD) System
2919		DVWXV02.03UA	2013	On-Board Diagnostic (OBD) System
2920		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
2921		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
2922		JGMXT01.5095	2018	Electrical Wiring, Sensor, and Actuator Systems
2923		JGMXT01.5090	2018	Electrical Wiring, Sensor, and Actuator Systems
2924		JVSAI02.0A3A	2018	Electrical Wiring, Sensor, and Actuator Systems
2925		KNSKT02.0PVA	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2926		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2927		EMBT05.5U2A	2014	Exhaust System (Other than EGR and Catalyst Systems)
2928		GHNXV03.5VA3	2016	On-Board Diagnostic (OBD) System
2929		KHNXV03.5HH3	2019	On-Board Diagnostic (OBD) System
2930		HHNXV03.5Xh2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U	
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				59	59
2910	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				185	185
2919	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				2549	2549
2920	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				235	235
2921	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: Tiguan-SNA.907.115.A-version 0002_0004 Beetle-06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: Tiguan-SNA.907.115.K-version 0001 Beetle-06K.906.016.B-version 9610 Passat 706K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_000170006 VW: Tiguan-SNA.907.115.A-version 0002_0004 Beetle-06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949</p>				106962	106962
2922	Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)				33065	53
2923	On some 2019 Infiniti QX50 vehicles, customers have experienced a fuel odor inside the vehicle's cabin. Infiniti has investigated and found that the end point of the Evap canister filter vent hose is connected to a portion of the frame member which also shares a small connection to the cabin through a body panel flange. Under certain conditions (hot ambient air temperature / HVAC system operation) a fuel odor may be present inside the cabin.					
2924	The affected part number 13537805423 relates to the FUEL RAIL [PRESSURE ACCUMULATOR]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMXT03.ON57, BMW decided a warranty extension to full useful life (10 years / 120,000mi) (please see EDIR-01-A57-0325). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL [PRESSURE ACCUMULATOR] is/was working properly					
2925	and has/had no malfunction.					
2926	DAG has determined that the depressed valve system (exhaust) could cause increased lateral forces in the valve guide, which increase wear in the guide and can lead to wear of the seat ring. In this case, the tightness of the combustion chamber (valve to seat ring) could be impaired. In case of an untight combustion chamber, misfires could occur leading to a deactivation of the respective cylinder.	8/31/2017	7/30/2018		3366	552
2927					24739	159
2928	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	5/18/2015	11/7/2016		79007	135
2929	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	4/2/2018			15812	2
2930	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	7/25/2016	10/3/2017		49404	31

	A	B	C	D	E	F	G	H	I	J	K	L
2931	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
2932	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
2933	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
2934	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
2935	Volkswagen	VWX	New Submission	Submitted	2/8/2019 7:09:31		VWX-DR-2019-0000104	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta Hybrid	
2936	FCA US LLC	CRX	New Submission	Submitted	5/31/2019 9:14:26		CRX-DR-2019-0000384	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
2937	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
2938	FCA US LLC	CRX	New Submission	Submitted	6/25/2019 8:17:14		CRX-DR-2019-0000462	Defect Report	DR - Drivetrain/Transmission System	Jeep	Cherokee 4x4 Active Drive II	
2939	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive Gran Turismo	
2940	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	
2941	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	
2942	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive Gran Turismo	

	M	N	O	P
2931		JHNXV01.56K2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2932	6MT	HHNXV01.56H3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2933	CVT	GHNXV01.56K2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2934	CVT	GHNXV01.56K2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
2935		DVWXV01.4PHE	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2936		HCRXJ01.45P0	2017	Air Inlet System (Including Turbo and Superchargers)
2937		CMBXV03.0HD1	2012	Electrical Wiring, Sensor, and Actuator Systems
2938		ECRXV03.65P0	2014	Drivetrain/Transmission System
2939		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
2940		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
2941		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
2942		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System

Q		R	S	T	U
2931	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	8/2/2017		23920	6
2932	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	4/25/2017	10/3/2017	13219	8
2933	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	9/28/2015	10/10/2016	55244	30
2934	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	9/28/2015	10/10/2016	55244	30
2935	Complaint: MIL on DTCs Present: P0456 EVAP Emission Control System - very small leak detected (30.3%) P045F EVAP System Very Small Leak Detected - Fresh Air Side (23.6%) Other EVAP system-related fault codes (12.7%) No fault codes present (9.4%) Other unrelated fault codes (24.0%) Component: EVAP Purge Valve & Hose Assembly Part Number ? Production: 04E 906 517 Part Number ? Replacement: 04E 133 366 AH Part Number ? Analysis: 04E 906 517 Analysis: A possible influence from lubricating fluid while inserting purge-valve into valve/hose sub-assembly. Bx internal leaking (12.1%) 1x incorrect purge flow (1.5%) B Due to improper diagnosis, technicians are performing unnecessary parts replacements in service (VW has issued a knowledge article to better assist technicians with diagnosis). S7x no trouble found (86.4%)				
				6062	67
2936	Some 2015-2017 MY Jeep Renegade ("BU") and Fiat 500X ("FB") vehicles equipped with a 1.4L Engine are experiencing air cleaner assembly replacements. The Malfunction Indicator Lamp (MIL) is illuminated, and P1CEA code is set (Boost side EVAP purge system performance). FCAUS analyzed 1444 of the returned air cleaner assemblies: 7707 (49%) were missing an internal nozzle (passage) within the ejector tee of the air cleaner assembly 7292 (20%) experienced a broken nipple on the air cleaner assembly 7178 (12%) experienced a general break within the air cleaner assembly 787 (6%) were determined to be "No trouble found"				
				361	293
2937	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air reference electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			15737	175
2938	Some 2014 MY Jeep Cherokee (KL) vehicles equipped with a 3.2L engine (Sales code: EHB) may experience a loss of motive power while driving due to a commanded shift to neutral, most likely at highway speeds. This event most frequently occurs during the 7th-8th gear shift due to a sticking clutch valve that will prevent the dog clutch from releasing. If the vehicle should experience this c			93211	3383
2939	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2018	2/27/2019	5792	5792
2940	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2018	2/27/2019	5792	5792
2941	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2018	2/27/2019	5792	5792
2942	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2016	6/29/2017	2775	2775

	A	B	C	D	E	F	G	H	I	J	K	L
2943	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Coupe	
2944	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	
2945	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe M Performance	
2946	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
2947	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
2948	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	

	M	N	O	P
2943		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
2944		HBMXV02.0H48	2017	On-Board Diagnostic (OBD) System
2945		LBMX03.0B07	2020	On-Board Diagnostic (OBD) System
2946		LBMX03.0B58	2020	On-Board Diagnostic (OBD) System
2947		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
2948		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System

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	A	B	C	D	E	F	G	H	I	J	K	L
2949	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 xDrive30i	
2950	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
2951	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i	
2952	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Convertible	
2953	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe M Performance	
2954	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	24 M40i	

	M	N	O	P
2949		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
2950		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
2951		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
2952		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
2953		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
2954		LBMXI03.0B5X	2020	On-Board Diagnostic (OBD) System

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	A	B	C	D	E	F	G	H	I	J	K	L
2955	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	
2956	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
2957	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
2958	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i	
2959	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000486	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	Navigator L 4WD	
2960	BMW	BMX	New Submission	Submitted	2/15/2019 7:36:14		BMX-DR-2019-0000136	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
2961	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 9:53:24		VGA-DR-2019-0000161	Defect Report	DR - Emission Control Information Label	Audi	A5 quattro	
2962	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GT Convertible	
2963	Mercedes Benz	MBX	New Submission	Submitted	8/6/2019 2:55:16		MBX-DR-2019-0000614	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
2964	FCA US LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4X2	
2965	Mazda Motor Corporation	TKX	New Submission	Submitted	7/5/2019 9:36:11		TKX-DR-2019-0000592	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	MAZDA	Mazda3 4-Door 4WD	
2966	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:59:37		GMX-DR-2019-0000515	Defect Report	DR - Crankcase Ventilation System			
2967	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:59:37		GMX-DR-2019-0000515	Defect Report	DR - Crankcase Ventilation System			

	M	N	O	P
2955		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
2956		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
2957		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
2958		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
2959		KFAXT03.544HF	2019	On-Board Diagnostic (OBD) System
2960		JBMTX03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2961		KVGAV02.0A7C	2019	Emission Control Information Label
2962		EBEXV06.04UC	2014	Exhaust System (Other than EGR and Catalyst Systems)
2963		CMBXV01.8U2A	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
2964		KCRXT02.45P5	2019	Electrical Wiring, Sensor, and Actuator Systems
2965		KTXV02.5CDA	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
2966		HGMXJ02.4199	2017	Crankcase Ventilation System
2967		FGMXJ02.5150	2015	Crankcase Ventilation System

	Q	R	S	T	U
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	6	6
2955					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	6	6
2956					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2017	6/29/2018	5805	5805
2957					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2017	6/29/2018	5805	5805
2958					
	<p>Some 2019 MY 2.0i GTD and 2.7i Nautilus, 2019 2.3L GTD and 5.0i Mustang and 3.5L GTD Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.</p>	2/28/2017	6/29/2018	1430	1430
2959					
	<p>The affected part number 1353850807 relates to the FRONT FUEL RETURN HOSE [FUEL RETURN LINE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Text Group JBMKT03.0N.</p>	8/31/2017	7/30/2018	3366	552
2960					
	<p>Complaint: No known complaints. DTCs Present: Does not apply Component: Vehicle Emission Certification Information (VECI) Label Part Number ? Production: SW0 010 504 N Part Number ? Replacement: SW0 010 504 AB Part Number ? Analysis: Does not apply Analysis: Due to carline model changes in the certification application, early production vehicles were produced and sold with VECI labels that require an update to the test group.</p>			321	321
2961					
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00 listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			854	41
2962					
	<p>Daimler AG has determined that on certain vehicles with 4-cylinder gasoline engine the camshaft adjuster function could be impaired due to wear of mechanical components. Wear is indicated by noticeable noises during engine start. Advanced wear may cause delayed engine starts that would lead to an illumination of the Check Engine Light (MIL) and subsequently to a deactivation of</p>			43183	3270
2963					
	<p>Some 2017 - 2019 MY Jeep Compass (NMP??) vehicles, equipped with Stop-Start Dual Battery System (sales code XH2), may experience a malfunction indicator lamp ("MIL"), P152F - engine hood switch 2/engine hood switch 1 correlation and/or engine start stop disabled with a message displayed in the cluster due to a mis-alignment of the striker plate to hood</p>		9/4/2018	4382	2
2964					
	<p>On certain Powertrain Control Module (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes while driving. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire and loss of po</p>			19635	0
2965					
	<p>Oil sludge accumulation in the primary PCV circuit, combined with ice accumulation in the secondary PCV circuit, can cause elevated crankcase pressure that forces oil to leak from rear crankshaft seal.</p>			99140	298
2966					
	<p>Oil sludge accumulation in the primary PCV circuit, combined with ice accumulation in the secondary PCV circuit, can cause elevated crankcase pressure that forces oil to leak from rear crankshaft seal.</p>			89982	260
2967					

	A	B	C	D	E	F	G	H	I	J	K	L
2968	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/8/2019 15:07:41		VGA-DR-2019-0000617	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	
2969	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
2970	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q5	
2971	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4X4	
2972	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 Classic 4X4	
2973	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
2974	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	

	M	N	O	P
2968		FVGAT03.0NU3	2015	Selective Catalytic Reduction System
2969		JVGAV02.0V3R	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
2970		HVGAI02.0AUF	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
2971		GCRXT05.75P0	2016	Exhaust System (Other than EGR and Catalyst Systems)
2972		KCRXT05.75P2	2019	Exhaust System (Other than EGR and Catalyst Systems)
2973		GCRXV05.75P2	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2974		DHYXV02.01TE	2013	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Complaint: MIL on DTCs Present: P24CC (Reductant Tank Cap Switch Circuit Range/Performance) Component: Reductive Agent Tank Switch Part Number - Production: 4LO 133 093 A Part Number - Replacement: 4LO 133 093 B Part Number - Analysis: 4LO 133 093 A Analysis: The Reductive Agent Tank Switch (pin) may stick in the closed position due to the plastic pin expanding when in a high humidity environment.</p>			6082	222
2960	<p>DTCs Present: Not applicable Component: Engine Control Unit - The ECM and associated software calibration provides control/monitoring operation for the vehicle's engine. Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0 907 115 C_0003,0005 A3-LEV 30-SW part number 8V0 907 115 B_0001-0006 VW: VW Tiguan -5NA 907 115 A-version 0002, 0004 VW Beetle -06K 906 016 B VW Passat -06K 906 016 C Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0 907 115 C_0006 A3-LEV 30-SW part number 8V0 907 115 B_0007 VW: VW Tiguan -5NA 907 115 K 7 0001 VW Beetle -TBD VW Passat -TBD Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0 907 115 C_0003,0005 A3-LEV 30-SW part number 8V0 907 115 B_0001 7 0006 VW: VW Tiguan -5NA 907 115 A-version 0002, 0004 VW Beetle -06K 906 016 B VW Passat -06K 906 016 C Analysis: A supplier disclosed an issue along with an incorrect application for the Electromagnetic Compatibility (EMC)- correction factor: (100% failure rate determined for this software when the operating conditions below are all present): -Engine Control Unit (Bosch) produced with 7CJ13577 module -Pre O2 sensor (LSU lambda sensor) with 7Advanced77-Generation -Pre O2 sensor with real aging effect within specification [Field analysis confirmed that this effect may occur first over mileage 50,000 mi]</p>			0	0
2970	<p>DTCs Present: Not applicable Component: Engine Control Unit - The ECM and associated software calibration provides control/monitoring operation for the vehicle's engine. Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0 907 115 C_0003,0005 A3-LEV 30-SW part number 8V0 907 115 B_0001-0006 VW: VW Tiguan -5NA 907 115 A-version 0002, 0004 VW Beetle -06K 906 016 B VW Passat -06K 906 016 C Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0 907 115 C_0006 A3-LEV 30-SW part number 8V0 907 115 B_0007 VW: VW Tiguan -5NA 907 115 K 7 0001 VW Beetle -TBD VW Passat -TBD Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0 907 115 C_0003,0005 A3-LEV 30-SW part number 8V0 907 115 B_0001 7 0006 VW: VW Tiguan -5NA 907 115 A-version 0002, 0004 VW Beetle -06K 906 016 B VW Passat -06K 906 016 C Analysis: A supplier disclosed an issue along with an incorrect application for the Electromagnetic Compatibility (EMC)- correction factor: (100% failure rate determined for this software when the operating conditions below are all present): -Engine Control Unit (Bosch) produced with 7CJ13577 module -Pre O2 sensor (LSU lambda sensor) with 7Advanced77-Generation -Pre O2 sensor with real aging effect within specification [Field analysis confirmed that this effect may occur first over mileage 50,000 mi]</p>			0	0
2971	<p>Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p>			242079	1305
2972	<p>Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p>			66081	0
2973	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group. AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules. The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start. Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			3958	3958
2974	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011-2018 MY Sonata, 2013-2018 MY Santa Fe Sport, 2014-2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			38785	0

	A	B	C	D	E	F	G	H	I	J	K	L
2975	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
2976	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	
2977	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	
2978	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
2979	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	
2980	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson 4WD	

	M	N	O	P
2975		JHYXV02.41WS	2018	Electrical Wiring, Sensor, and Actuator Systems
2976		JHYXV02.4AJ3	2018	Electrical Wiring, Sensor, and Actuator Systems
2977		FHYXV02.41JE	2015	Electrical Wiring, Sensor, and Actuator Systems
2978		EHYXV02.01HE	2014	Electrical Wiring, Sensor, and Actuator Systems
2979		HHYXV02.4AJF	2017	Electrical Wiring, Sensor, and Actuator Systems
2980		EHYXT02.42UP	2014	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
2981	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima	
2982	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
2983	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	KIA	Optima FE	
2984	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 10:44:06		VGA-DR-2019-0000711	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Beetle	
2985	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	Q7	
2986	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:45:31		PRX-DR-2019-0000692	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Turbo Cabriolet	3.8L
2987	Porsche AG	PRX	New Submission	Submitted	9/11/2019 12:56:16		PRX-DR-2019-0000693	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne S e-Hybrid	3L
2988	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S Executive	2.9L
2989	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera GT5 ST	
2990	Porsche AG	PRX	New Submission	Submitted	9/11/2019 14:31:38		PRX-DR-2019-0000695	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid ST	
2991	Volkswagen	VWX	New Submission	Submitted	9/11/2019 15:00:01		VWX-DR-2019-0000697	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta Hybrid	
2992	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 16:33:19		HYX-DR-2019-0000207	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Accent	

	M	N	O	P
2981		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
2982		GHYXV02.01VE	2016	Electrical Wiring, Sensor, and Actuator Systems
2983		HHYXV02.4AJF	2017	Electrical Wiring, Sensor, and Actuator Systems
2984		FVGAV02.0VAL	2015	Selective Catalytic Reduction System
2985		HVGAT03.0AUT	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
2986 Automatic		JPRXV04.0TB1	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2987 Automatic		JPRXT03.0PHV	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2988 Automatic		KPRXV03.0PVB	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2989		KPRXV04.0PVB	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2990		KPRXV04.0PHS	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
2991		EWXV01.4HEV	2014	Drivetrain/Transmission System
2992		KHYXV01.6AA6	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.			85703	0
	Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.			8124	0
	Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.			56453	0
	Complaint: MIL and/or AdBlue inducement warning on. AdBlue leaking from engine compartment. DTCs Present: P20E8 (Reductant Pressure Too Low) Component: AdBlue Supply Line Part Number ? Production: SQ0 131 984 E SC0 131 984 E 561 131 984 D Part Number ? Analysis: SQ0 131 984 E SC0 131 984 E 561 131 984 D Part Number ? Replacement: SQ0 131 984 E SC0 131 984 E 561 131 984 D Analysis: Leak at welded joint near the quick connector (to AdBlue Dosing Injector) due to glue residue contamination on the AdBlue supply line during manufacturing. Consequential replacement of the dosing injector (04L 131 113 Q) due to damage incurred from a supply line leak or improper diagnosis of the leak source. AdBlue residue forming at injector flange.			36485	7654
	Complaint: Customers may notice a fuel odor. DTCs Present: No DTCs. Component: Fuel Rail Repair Kit (includes Fuel Rails). Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): PVGA03.0AUE: 06E130089AA, 06E130090AD; GVGA03.0AUE: 06E130089Q, 06E130090T; HVGA03.0AUT: 06E130089Q, 06E130090T; PVGA03.0AUE: 06E130089Q, 06E130090T; JVGA03.0AUE: 06E130089AH, 06E130090AL. Part Number ? Replacement: 06E198201B (includes: left fuel rail 06E 133-681 L and right fuel rail 06E 133-682 C) Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]): PVGA03.0AUE: 06E130089AA, 06E130090AD; GVGA03.0AUE: 06E130089Q, 06E130090T; HVGA03.0AUT: 06E130089Q, 06E130090T; PVGA03.0AUE: 06E130089Q, 06E130090T; JVGA03.0AUE: 06E130089AH, 06E130090AL. 2985 Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire. 2986 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL). 2987 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL). 2988 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL). 2989 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL). 2990 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	38895	38895
					5011
					143
					1190
					129
					41
	Complaint: On affected vehicles, the Mechatronic Unit service replacement was configured with a European software calibration. DTCs Present: Not applicable Component: Mechatronic Unit Part Number ? Production: OCG 325 025 B 202 with SW (5801) Part Number ? Replacement: OCG 325 025 B 203 with SW (6404 and 6304) Part Number ? Analysis: OCG 325 025 B 202 with SW (5801) Analysis: Due to a sorting issue at the transmission supplier, the mechatronic software versions were switched between Europe and USA/Canada-specific software. As a result, these affected US vehicles which received service replacement parts will not have Mode \$0A enabled.			1882	1882
	2991 2019 model year Hyundai Accent equipped with 1.6L engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for modeling temperature of the engine coolant data in ECU that has a difference of the temperature between modeling data of the engine cool-			22965	71

	A	B	C	D	E	F	G	H	I	J	K	L
2993	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	XS xDrive 35d	
2994	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/19/2019 19:51:53		HNX-DR-2019-0000720	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 5dr	
2995	Jaguar Land Rover Limited	JLX	Correction	Submitted	4/23/2019 10:06:08		JLX-DR-2019-0000103	Defect Report	DR - On-Board Diagnostic (OBD) System			
2996	Mercedes Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000320	Defect Report	DR - Selective Catalytic Reduction System			
2997	Mercedes Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000320	Defect Report	DR - Selective Catalytic Reduction System			
2998	Mercedes Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000320	Defect Report	DR - Selective Catalytic Reduction System			
2999	Mercedes Benz	MBX	New Submission	Submitted	5/2/2019 10:36:16		MBX-DR-2019-0000671	Defect Report	DR - Hybrid Vehicle System			
3000	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3001	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3002	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3003	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3004	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3005	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3006	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3007	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3008	FCAUS LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3009	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 11:17:03		GMX-DR-2019-0000345	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
3010	Kia Motors Corporation	KMX	New Submission	Superseded	8/13/2019 14:14:52	8/13/2019 14:34:36	KMX-DR-2019-0000636	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
3011	FCAUS LLC	CRX	New Submission	Submitted	3/20/2019 10:18:38		CRX-DR-2019-0000216	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Grand Cherokee 4x4	

	M	N	O	P
2993		FBMXT03.0N57	2015	Electrical Wiring, Sensor, and Actuator Systems
2994		HHNXV02.07H3	2017	On-Board Diagnostic (OBD) System
2995		JLJXT02.0RTV	2018	On-Board Diagnostic (OBD) System
2996		CMBXT03.0HD1	2012	Selective Catalytic Reduction System
2997		BMBXT03.0HD2	2011	Selective Catalytic Reduction System
2998		CMBXT03.0HD2	2012	Selective Catalytic Reduction System
2999		GMBXJ03.0HY1	2016	Hybrid Vehicle System
3000		HCRXT03.6SP1	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3001		ECRXJ02.4SP1	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3002		FCRXV03.6SP1	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3003		GCRXT02.4SP2	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3004		HCRXJ02.4SP1	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3005		FCRXJ02.4SPA	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3006		GCRXV06.25P3	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3007		ECRXT02.4SP2	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3008		GCRXJ02.4CP0	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3009		GGMXV01.8021	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3010		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3011		KCRXT05.7SP2	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Following NOx sensor components have been introduced into production and as spare parts in service during the specific time periods:</p> <p>10/13 - 07/16: NOx sensor (downstream) with part number 13628576469 (models 328d and X5 xDrive35d), NOx sensor (downstream) with part number 13628576470 (model X3 xDrive28d), NOx sensor (downstream) with part number 13628576471 (models 535d and 740Ld xDrive) NOx sensor (upstream) with part number 13628576471 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>07/16 - now: NOx sensor (upstream) with part number 13628589846 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d) NOx sensor (downstream) with part number 13628589845 (model X3 xDrive28d) NOx sensor (downstream) with part number 13628589844 (models 328d and X5 xDrive35d) NOx sensor (downstream) with part number 13628589846 (models 535d and 740Ld xDrive)</p> <p>Components with part numbers 13628589844, 13628589845, 13628589846 are improved / more robust NOx sensors, which have been used as spare part in service since 07/2016, whenever NOx sensors with above listed part numbers used before 07/16 were malfunctioning. Analysis have shown that component NOx sensor (up- and downstream) with above listed part numbers used before 07/16 have been replaced due to a Magnesium intoxication (major root cause of all malfunctions) as well as due to other permanent or temporarily errors as electrical malfunctions (short to ground or open circuit), all with a corresponding OBD fault code storage and MIL illumination.</p> <p>2993 Since 07/16 the component NOx sensor up- and downstream with part numbers 13628589844, 13628589845, 13628589846 have been used in production and as spare parts in service. Those components have/had no malfunctions and are/were working properly.</p> <p>2994 Due to inappropriate software of the OBD system, the MIL bulb check and readiness blinking are not appropriately output under a certain condition and/or multiple Permanent diagnostic trouble codes are not correctly output under certain conditions.</p>	<p>7/31/2014</p> <p>3/31/2017</p>	<p>7/30/2015</p> <p>7/26/2017</p>	<p>7403</p> <p>2962</p>	<p>1451</p> <p>0</p>
	<p>Cold Start Neutral, where idle speed is elevated to warm the catalytic convertor quickly, may be inhibited without triggering the Malfunction Indicator Light. Cold Start Neutral is inhibited when the data signal from the Gear Shift Module or Anti-Lock Brake System are invalid. MIL illumination does not occur.</p> <p>2995 Revision: Further investigation has confirmed that in all known operating instances the Powertrain Control Module detects the fault and does successfully trigger MIL illumination. Further investigation has established that there is no defect present as was originally described below.</p>			<p>0</p>	<p>0</p>
	<p>Certain vehicles of model NCV3 could experience thermal damage of the SCR metering valve and SCR metering line. This could be due to two different root causes: 1. The defect can be the consequence of escaping hot exhaust gas is a result of loose and defective components on the exhaust system (decoupling element corroded, pipe clamp or NOx sensor loose after previous repair). As a result of the defect, no pressure can be built up in the SCR metering line. This is then detected through the diagnosis of the SCR delivery module and the MIL is activated. 2. The defect could be the consequence of a 7misuse-scenario??, where an incorrect fueling of otto-fuel into the diesel fuel tank can lead to increased temperatures on the exhaust side and thus damage the SCR metering valve and metering line. In this case, the correct amount of AdBlue cannot be supplied to the exhaust system any more. The malfunction would be detected through the diagnosis of the SCR metering valve and the MIL would be illuminated.</p> <p>In both aforementioned cases, the SCR warning scenario is activated, which initiates the start limit with a count down of 12 max. possible vehicle starts. In both cases, performance and vehicle speed are not limited</p> <p>2996</p>			<p>15696</p>	<p>2303</p>
	<p>Certain vehicles of model NCV3 could experience thermal damage of the SCR metering valve and SCR metering line. This could be due to two different root causes: 1. The defect can be the consequence of escaping hot exhaust gas is a result of loose and defective components on the exhaust system (decoupling element corroded, pipe clamp or NOx sensor loose after previous repair). As a result of the defect, no pressure can be built up in the SCR metering line. This is then detected through the diagnosis of the SCR delivery module and the MIL is activated. 2. The defect could be the consequence of a 7misuse-scenario??, where an incorrect fueling of otto-fuel into the diesel fuel tank can lead to increased temperatures on the exhaust side and thus damage the SCR metering valve and metering line. In this case, the correct amount of AdBlue cannot be supplied to the exhaust system any more. The malfunction would be detected through the diagnosis of the SCR metering valve and the MIL would be illuminated.</p> <p>In both aforementioned cases, the SCR warning scenario is activated, which initiates the start limit with a count down of 12 max. possible vehicle starts. In both cases, performance and vehicle speed are not limited</p> <p>2997</p>			<p>4683</p>	<p>179</p>
	<p>Certain vehicles of model NCV3 could experience thermal damage of the SCR metering valve and SCR metering line. This could be due to two different root causes: 1. The defect can be the consequence of escaping hot exhaust gas is a result of loose and defective components on the exhaust system (decoupling element corroded, pipe clamp or NOx sensor loose after previous repair). As a result of the defect, no pressure can be built up in the SCR metering line. This is then detected through the diagnosis of the SCR delivery module and the MIL is activated. 2. The defect could be the consequence of a 7misuse-scenario??, where an incorrect fueling of otto-fuel into the diesel fuel tank can lead to increased temperatures on the exhaust side and thus damage the SCR metering valve and metering line. In this case, the correct amount of AdBlue cannot be supplied to the exhaust system any more. The malfunction would be detected through the diagnosis of the SCR metering valve and the MIL would be illuminated.</p> <p>In both aforementioned cases, the SCR warning scenario is activated, which initiates the start limit with a count down of 12 max. possible vehicle starts. In both cases, performance and vehicle speed are not limited</p> <p>2998</p>			<p>5659</p>	<p>397</p>
	<p>2999 On certain six-cylinder plug-in hybrid vehicles (S 550 Hybrid, S 550 e and GLE 550 e 4MATIC) the temperature sensor in the electric machine may send implausible values due to temporary short circuit at the contact. In case of the described defect, the Check Engine Light (MIL) would be illuminated, prompting the driver to visit a servicing dealer, and the maximum power of the hybrid system is limited.</p> <p>3000 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3001 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3002 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3003 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3004 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3005 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3006 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3007 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3008 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3009 Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).</p> <p>3000 In certain vehicles the evaporative emissions canister purge valve may fail due to a separation of molded rubber bumpers from the valve's internal sealing diaphragm. These loose rubber pieces, internal to the solenoid valve, can either prevent the valve from fully closing or cause noise. A manufacturing change intended to improve production yield inadvertently increased susceptibility to this issue.</p>			<p>418</p> <p>401977</p> <p>254610</p> <p>140447</p> <p>112648</p> <p>237806</p> <p>155203</p> <p>13945</p> <p>99734</p> <p>72701</p> <p>25684</p>	<p>4</p> <p>555</p> <p>826</p> <p>74</p> <p>1671</p> <p>107</p> <p>101</p> <p>8</p> <p>336</p> <p>218</p> <p>1463</p>
	<p>Some 2018 model year Stinger vehicles equipped with 2.0 liter engines have experienced a malfunction indicator lamp (MIL) illumination with the diagnostic trouble code P053F.</p> <p>(P053F: Fuel pressure control system (Low Fuel pressure))</p> <p>The main cause is lack drive current of high pressure pump in ECU.</p> <p>3010 To improve this matter, Kia redesigned the ECU and has been replacing the affected ECU through a dealer service campaign action since November 2018.</p> <p>3011 On some 2019 MY Dodge Durango and Jeep Grand Cherokee (WD/NG) vehicles with a 5.7L Hemi engine (sales code ED) a software change error results in the inability to reset OBD Evaporative Monitor by a Mode \$04 Code Clear, module reset, or battery disconnect, once it shows "Ready" status.</p>			<p>7297</p> <p>14747</p>	<p>79</p> <p>14747</p>

	A	B	C	D	E	F	G	H	I	J	K	L
3012	BMW	BMX	New Submission	Submitted	3/21/2019 5:55:08		BMX-DR-2019-0000219	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	BMW	X2 M35i	
3013	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
3014	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq	
3015	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
3016	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq Blue	
3017	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
3018	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	6/11/2019 12:01:17	11/13/2019 13:34:27	HNX-DR-2019-0000429	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC	
3019	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 11:13:34		HYX-DR-2019-0000634	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	GENESIS	G80 AWD	
3020	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:30:55		HYX-DR-2019-0000642	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	HYUNDAI	Sonata Limited	
3021	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:30:55		HYX-DR-2019-0000642	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	HYUNDAI	Sonata	
3022	FCA US LLC	CRX	New Submission	Submitted	3/22/2019 10:26:44		CRX-DR-2019-0000221	Defect Report	DR - On-Board Diagnostic (OBD) System			
3023	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 14:56:41		KMX-DR-2019-0000638	Defect Report	DR - Catalyst System	KIA	Rio ECO	
3024	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 14:56:41		KMX-DR-2019-0000638	Defect Report	DR - Catalyst System	KIA	Rio	
3025	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 4WD	
3026	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 2WD	
3027	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 2WD	
3028	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/26/2019 15:51:57		VGA-DR-2019-0000663	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Golf	
3029	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta	
3030	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:28		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	COOPER S HARDTOP 2 DOOR	
3031	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:28		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	COOPER S HARDTOP 4 DOOR	
3032	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:28		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	COOPER HARDTOP 4 DOOR	

	A	B	C	D	E	F	G	H	I	J	K	L
3033	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A4	
3034	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A5 quattro	
3035	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A5 quattro	
3036	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A5 quattro	
3037	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-Hybrid Sport Turismo	3.9L
3038	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid	4L
3039	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid ST	4L
3040	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 Sport Turismo	3L
3041	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-Hybrid	3.9L
3042	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo Executive	4L
3043	Porsche AG	PRX	New Submission	Submitted	9/11/2019 9:47:32		PRX-DR-2019-0000684	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Boxster GTS	2.5L
3044	General Motors LLC	GMX	New Submission	Submitted	9/16/2019 9:19:50		GMX-DR-2019-0000654	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]			
3045	Audi	ADX	New Submission	Submitted	9/17/2019 15:34:42		ADX-DR-2019-0000707	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	R55	
3046	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/17/2019 15:42:34		VGA-DR-2019-0000708	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	R55	
3047	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3048	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3049	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3050	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3051	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3052	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
3033		EADKV02.03UB	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3034		DADKV02.03UB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3035		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3036		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3037 Automatic		JPRXV02.9PHB	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3038 Automatic		JPRXV04.0PHB	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3039 Automatic		JPRXV04.0PHB	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3040 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3041 Automatic		JPRXV02.9PHB	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3042 Automatic		JPRXV04.0PV8	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3043 Automatic and Manual		JPRXV02.5B82	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3044		JGMKV01.5010	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3045		EADKV04.23UL	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3046		FVGAW04.2NLB	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3047		HNSXV03.5F7C	2017	On-Board Diagnostic (OBD) System
3048		FNSXT03.5G7B	2015	On-Board Diagnostic (OBD) System
3049		KNSXV03.0NHA	2019	On-Board Diagnostic (OBD) System
3050		FNSXV03.5G7A	2015	On-Board Diagnostic (OBD) System
3051		HNSXV03.5A7B	2017	On-Board Diagnostic (OBD) System
3052		HNSXV01.6KDA	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 F_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
3033	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			21447	10462
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 F_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
3034	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			34857	16250
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 F_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
3035	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			59870	31932
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 F_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
3036	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			59870	31932
3037	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	1549	0
3038	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	352	0
3039	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	352	0
3040	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
3041	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	1549	0
3042	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	1324	0
3043	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	6466	0
3044	Under certain conditions, data in the Engine Control Module (ECM) used for fuel injector control may become corrupted and disable all fuel injectors.			45091	27
	<p>Complaint: Customer complaints related to a rattle heard from transmission at idle speed along with a rough/harsh shift behavior experienced during deceleration and when coming to a stop. In some situations the MIL is turned on.</p> <p>DTCs Present: P281C (Pressure Control Solenoid "H" Control Circuit Range/Performance)</p> <p>P2728 (Pressure Control Solenoid "E" Control Circuit Range/Performance)</p> <p>P2737 (Pressure Control Solenoid "F" Control Circuit Range/Performance)</p> <p>P2813 (Pressure Control Solenoid "G" Control Circuit Range/Performance)</p> <p>Component: TCM Software</p> <p>Part Number 7 Production: 8T0927156H/0005</p> <p>Part Number 7 Replacement: 8T0927156H/0006</p> <p>Part Number 7 Analysis: 8T0927156H/0005</p> <p>Analysis: In affected vehicles, thermal management and solenoid valve pressure in the transmission may cause a rough/harsh shifting behavior during deceleration and when stopping the vehicle.</p>				
3045	Analysis: In affected vehicles, thermal management and solenoid valve pressure in the transmission may cause a rough/harsh shifting behavior during deceleration and when stopping the vehicle.			1703	77
	<p>Complaint: Customer complaints related to a rattle heard from transmission at idle speed along with a rough/harsh shift behavior experienced during deceleration and when coming to a stop. In some situations the MIL is turned on.</p> <p>DTCs Present: P281C (Pressure Control Solenoid "H" Control Circuit Range/Performance)</p> <p>P2728 (Pressure Control Solenoid "E" Control Circuit Range/Performance)</p> <p>P2737 (Pressure Control Solenoid "F" Control Circuit Range/Performance)</p> <p>P2813 (Pressure Control Solenoid "G" Control Circuit Range/Performance)</p> <p>Component: TCM Software</p> <p>Part Number 7 Production: 8T0927156H/0005</p> <p>Part Number 7 Replacement: 8T0927156H/0006</p> <p>Part Number 7 Analysis: 8T0927156H/0005</p> <p>Analysis: In affected vehicles, thermal management and solenoid valve pressure in the transmission may cause a rough/harsh shifting behavior during deceleration and when stopping the vehicle.</p>				
3046	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			1044	23
3047	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			87521	47
3048	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			11263	4
3049	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			28929	5
3050	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			13691	46
3051	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			99285	3
3052	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			20473	1

	A	B	C	D	E	F	G	H	I	J	K	L
3053	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:05:44		FIX-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	WRX	
3054	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	S90 FWD	
3055	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	S90 AWD	
3056	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 CC AWD	
3057	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC90 FWD	
3058	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:27:16		FIX-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	LEGACY	
3059	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
3060	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
3061	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S ST	2.9L
3062	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S Executive	2.9L
3063	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S HARDTOP 4 DOOR	
3064	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X1 sDrive28i	
3065	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
3066	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	OUTBACK AWD	
3067	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	LEGACY	
3068	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			
3069	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			
3070	Kia Motors Corporation	KMX	Correction	Submitted	2/18/2019 14:36:51		KMX-DR-2019-0000154	Defect Report	DR - On-Board Diagnostic (OBD) System	NIA	Niro FE	
3071	BMW	BMX	New Submission	Submitted	2/19/2019 4:54:10		BMX-DR-2019-0000158	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740e xDrive	
3072	Jaguar Land Rover Limited	JLX	Correction	Submitted	7/19/2019 15:59:19		JLX-DR-2018-0000787	Defect Report	DR - On-Board Diagnostic (OBD) System			
3073	Volkswagen Group of America, Inc.	VGA	Correction	Superseded	7/23/2019 13:10:06	8/5/2019 14:23:10	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Atlas 4Motion	
3074	Toyota Motor Corporation	TYX	New Submission	Submitted	7/26/2019 14:35:33		TYX-DR-2019-0000572	Defect Report	DR - Ignition System	LEXUS	LS 500 AWD	
3075	Toyota Motor Corporation	TYX	New Submission	Submitted	7/26/2019 14:35:33		TYX-DR-2019-0000572	Defect Report	DR - Ignition System	LEXUS	LS 500	
3076	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
3077	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger	
3078	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4	
3079	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4 Active Drive II	
3080	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x2	
3081	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee Trailhawk 4x4	
3082	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Grand Caravan	
3083	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	Q8	
3084	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Passat	

	M	N	O	P
3053		GFJXJ02.0FPT	2016	Exhaust System (Other than EGR and Catalyst Systems)
3054		JVVXJ02.0125	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3055		JVVXJ02.0125	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3056		JVVXJ02.0A70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3057		HVVXT02.0U3T	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3058		GFJXJ02.5HRV	2016	Catalyst System
3059		PJLXT05.0003	2015	Air Inlet System (Including Turbo and Superchargers)
3060		ELUXV05.0F4F	2014	Air Inlet System (Including Turbo and Superchargers)
3061 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3062 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3063		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
3064		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
3065		GFJXJ02.5HRV	2016	Catalyst System
3066		KFJXJ02.5HRV	2019	Catalyst System
3067		JFJXJ02.5HRV	2018	Catalyst System
3068		PNAXV04.7LEV	2015	Drivetrain/Transmission System
3069		JMAXV04.7LEV	2018	Drivetrain/Transmission System
3070		HKMXV03.6D43	2017	On-Board Diagnostic (OBD) System
3071		JBMXV02.0H48	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3072		JJLXJ02.0RTX	2018	On-Board Diagnostic (OBD) System
3073		KVGAT03.6VAS	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3074		JTYXV03.5K6A	2018	Ignition System
3075		JTYXV03.5K6A	2018	Ignition System
3076		GCRXT03.7SP1	2016	Exhaust Gas Recirculation (EGR) System
3077		HCRXV06.4SP0	2017	Exhaust Gas Recirculation (EGR) System
3078		HCRXT03.2SP1	2017	Exhaust Gas Recirculation (EGR) System
3079		HCRXT03.2SP1	2017	Exhaust Gas Recirculation (EGR) System
3080		HCRXT03.0SPV	2017	Exhaust Gas Recirculation (EGR) System
3081		GCRXJ03.6SP3	2016	Exhaust Gas Recirculation (EGR) System
3082		GCRXJ03.6SP3	2016	Exhaust Gas Recirculation (EGR) System
3083		KVGAJ03.0NAM	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3084		KVGAV02.0V3R	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
3005	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Golf SportWagen	
3006	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/3/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT AWD	
3007	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/3/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX	
3008	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
3009	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Beetle Convertible	
3090	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
3091	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Beetle	
3092	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Jetta	
3093	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3094	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3095	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3096	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3097	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3098	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3099	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3100	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3101	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3102	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3103	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3104	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	

	M	N	O	P
3005		KVGAV01.4V1P	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3006	9AT	HHNXV03.3VH3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3007		FHNXV03.5WA4	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3008		GVGAV02.0VBD	2016	On-Board Diagnostic (OBD) System
3009		FVGAV02.0VPD	2015	On-Board Diagnostic (OBD) System
3000		DVWXI02.03UA	2013	On-Board Diagnostic (OBD) System
3091		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
3092		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
3093		GMBXV03.5U2C	2016	On-Board Diagnostic (OBD) System
3094		HMBXT03.0U2A	2017	On-Board Diagnostic (OBD) System
3095		FMBXT02.0U2C	2015	On-Board Diagnostic (OBD) System
3096		GMBXT04.0U2A	2016	On-Board Diagnostic (OBD) System
3097		DMBX03.552A	2013	On-Board Diagnostic (OBD) System
3098		JMBXT03.5U2A	2018	On-Board Diagnostic (OBD) System
3099		GMBXT03.0U2B	2016	On-Board Diagnostic (OBD) System
3100		EMBX03.5U2A	2014	On-Board Diagnostic (OBD) System
3101		HMBXV02.0HY1	2017	On-Board Diagnostic (OBD) System
3102		CMBXT05.5U2A	2012	On-Board Diagnostic (OBD) System
3103		FMBXV04.0U2A	2015	On-Board Diagnostic (OBD) System
3104		EKM XV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
3105	BMW	BMX	New Submission	Submitted	8/7/2019 7:26:36		BMX-DR-2019-0000608	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	BMW	430i Gran Coupe	
3106	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3107	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3108	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3109	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3110	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
3105		LBMX102.0B4X	2020	Air Inlet System (Including Turbo and Superchargers)
3106		FMBXT03.0U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
3107		GMBXT02.1U2A	2016	Electrical Wiring, Sensor, and Actuator Systems
3108		DMBXT03.0HD2	2013	Electrical Wiring, Sensor, and Actuator Systems
3109		EMBX102.2U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
3110		DMBXV03.0U2B	2013	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
3105	<p>Due to tolerance variations of the supercharger housing (up to 3007m ot of specification) caused in the production process by the supplier, the turbine wheel and the impeller could rub against the housing. Besides noise the turbine wheel and the impeller could be damaged so that the supercharger could fail completely and the engine is working afterwards with natural aspiration only. The damaged supercharger will be detected by the OBD system, a corresponding DTC is set and the MIL will be illuminated.</p> <p>Worldwide 25 superchargers were identified with this tolerance variation. For the US market overall 1 vehicle is affected which could be blocked at the dealership.</p>	6/16/2019	6/16/2019	1	1
3106	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			3407	77
3107	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			1404	6
3108	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			5488	81
3109	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			4959	7
3110	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			1130	8

	A	B	C	D	E	F	G	H	I	J	K	L
3111	BMW	BMX	New Submission	Superseded	1/29/2019 8:24:25	1/29/2019 10:45:32	BMX-DR-2019-0000021	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
3112	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:00:32	4/24/2019 12:40:13	NSX-DR-2019-0000283	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA AWD	
3113	BMW	BMX	Correction	Submitted	1/29/2019 9:35:27		BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	MINI COOPER HARDTOP 4 DOOR	
3114	Audi	ADX	New Submission	Submitted	1/30/2019 5:58:09		ADX-DR-2019-0000053	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q7	
3115	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/30/2019 6:47:12		VGA-DR-2019-0000055	Defect Report	DR - Catalyst System	Volkswagen	Atlas	
3116	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Audi	S7	
3117	American Honda Motor Co., Inc.	HMX	Correction	Submitted	5/13/2019 12:10:40		HMX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PASSPORT AWD	
3118	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	1/30/2019 11:54:52		HMX-DR-2019-0000051	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	RIDGELINE FWD	
3119	FCAUS LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3120	FCAUS LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3121	FCAUS LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3122	FCAUS LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3123	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Touareg	

	M	N	O	P
3111		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3112		KNSXV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3113		GBMXV01.5M36	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3114		CADXT03.0TLF	2012	On-Board Diagnostic (OBD) System
3115		JVGAT03.6VAS	2018	Catalyst System
3116		EADKV04.03UJ	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3117		KHNXV03.5NH3	2019	On-Board Diagnostic (OBD) System
3118		HHNXV03.5WVW4	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3119		ECRXI03.65PA	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3120		FCRXI03.65PA	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3121		ECRXI03.65PA	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3122		FCRXV03.65PB	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3123		FVGAT03.0NU2	2015	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
3124	BMW	BMX	New Submission	Submitted	7/18/2019 5:03:12		BMX-DR-2019-0000527	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
3125	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 9:22:35		MBX-DR-2019-0000532	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3126	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 9:22:35		MBX-DR-2019-0000532	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3127	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
3128	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/24/2019 14:51:51		VGA-DR-2019-0000365	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A4 quattro	
3129	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3130	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3131	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3132	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3133	General Motors LLC	GMX	New Submission	Submitted	2/15/2019 15:13:23		GMX-DR-2019-0000108	Defect Report	DR - Drivetrain/Transmission System	Chevrolet	SPARK	

	M	N	O	P
3124		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3125		HMBXV04.0U2A	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3126		GBMXV04.0U2A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3127		GVVXV02.0S3T	2016	Catalyst System
3128		JVGAI02.0AAC	2018	On-Board Diagnostic (OBD) System
3129		FJLXV05.0P4F	2015	Electrical Wiring, Sensor, and Actuator Systems
3130		FJLXV03.0P5P	2015	Electrical Wiring, Sensor, and Actuator Systems
3131		EJLXV05.0EAL	2014	Electrical Wiring, Sensor, and Actuator Systems
3132		FJLXV05.0EAL	2015	Electrical Wiring, Sensor, and Actuator Systems
3133		FGMXV01.8011	2015	Drivetrain/Transmission System

	Q	R	S	T	U
	<p>The affected part number 16117243972 relates to the FUEL PUMP [SUPPLY MODULE].</p> <p>Analyses have shown that this component in general (in about 94% of all cases) was replaced in service in conjunction with component high pressure fuel pump.</p> <p>For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils), please see also FIR-F-0G-2.0-20.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils).</p> <p>Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [SUPPLY MODULE] was replaced in the other 6% of all cases.</p>				
3124		6/30/2015	6/29/2016	1038	119
3125	Daimler AG has determined that on certain GT-, C- and G-Class vehicles (190, 205 and 463 platforms) the engine control unit software could have a mistake in the calibration data set relating to catalyst heating. In case of the engine being shut down for more than 67 hours, the catalyst heating created by an increase of the idling speed might not be initiated with the next engine start as i			1808	0
3126	Daimler AG has determined that on certain GT-, C- and G-Class vehicles (190, 205 and 463 platforms) the engine control unit software could have a mistake in the calibration data set relating to catalyst heating. In case of the engine being shut down for more than 67 hours, the catalyst heating created by an increase of the idling speed might not be initiated with the next engine start as i			1297	0
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>			6670	6670
3127					
	<p>Complaint: No known customer complaints</p> <p>DTCs Present: No DTCs present</p> <p>Component: ECM Software Calibration</p> <p>Part Number ? Prediction: 8V0 907 115 B V0006 ? A3</p> <p>8W0 907 115 C V0005 ? A4</p> <p>Part Number ? Replacement: 8V0 907 115 B V0007 ? A3</p> <p>8W0 907 115 C V0006 ? A4</p> <p>Part Number ? Analysis: 8V0 907 115 B V0006 ? A3</p> <p>8W0 907 115 C V0005 ? A4</p> <p>Analysis: Due to a calibration concern related to the ECM Clamp 30 Circuit monitor (which affects the ?engine off timer?? calculation), the Malfunction Indicator Light (MIL) will not activate per regulations.</p> <p>ECM Clamp 30 Circuit:</p> <p>Unswitched voltage is applied to the ECM from the battery (ECM Clamp 30 Circuit) to support ?engine off time?? monitors.</p>			11268	11268
3128					
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			576	98
3129					
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			5462	1994
3130					
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			1294	273
3131					
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			709	121
3132					
3133	In certain vehicles abnormal wear of the CVT transmission control valve bore may occur as a result of radial forces exerted by the valve piston.			24901	76

	A	B	C	D	E	F	G	H	I	J	K	L
3134	BMW	BMX	New Submission	Submitted	5/28/2019 7:44:39		BMX-DR-2019-0000367	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	428i Coupe	
3135	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 4Dr	
3136	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 11:01:09		JLX-DR-2019-0000551	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3137	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 13:42:07		JLX-DR-2019-0000554	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3138	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Clubman	
3139	Audi	ADX	New Submission	Submitted	5/24/2019 14:11:01		ADX-DR-2019-0000363	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q7	
3140	Audi	ADX	Correction	Submitted	1/29/2019 22:43:31		ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	R57	
3141	Audi	ADX	Correction	Submitted	1/29/2019 22:43:31		ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S7	

	M	N	O	P
3134		EBMXV02.0N26	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3135		KHHXV02.0CL3	2019	On-Board Diagnostic (OBD) System
3136		JJLXT03.0FSP	2018	Electrical Wiring, Sensor, and Actuator Systems
3137		FJLXT02.0FTP	2015	Electrical Wiring, Sensor, and Actuator Systems
3138		BBMXV01.6SPD	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3139		DADXT03.03UG	2013	On-Board Diagnostic (OBD) System
3140		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
3141		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	The affected part number 16117243975 relates to component FUEL PUMP [DELIVERY MODULE] by supplier Bosch. Analyses have shown that the impeller inside the fuel pump could block due to high dust contamination in combination with NiP (Nickel-Phosphor) abrasion and accumulation (separated NiP particles from the internal fuel pump coating). Particularly the production period 09/2013 through 03/2014 shows an increased risk of potential blocking due to a coating charge with 38% Phosphor. The NiP coating was primary introduced to increase the durability regarding ethanol. Due to the potential blocking, the coating in the fuel pump was changed to Eloxal beginning with 04/2014 (fuel pump built in production and fuel pump used as replacement part in service). This more robust hardware (to prevent the potential blocking of the impeller) has still part number 16117243975.				
3134	The OBD system may falsely detect a malfunction of the P0461 "Fuel Level Sensor (Rationality)" in a certain condition.	8/31/2013	3/30/2014	25000	25000
3135		10/2/2018		14280	90
3136	Humidity within the exhaust flow is able to enter the sensor chamber containing the ceramic component. This humidity may be absorbed by the ceramic material. When heated the absorbed liquid may vaporise leading to de-lamination cracking. The Malfunction Indicator Light (MIL) is illuminated and a diagnostic trouble code (DTC) relevant to the failed component is stored within the			22977	919
3137	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC%), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM).			18202	1656
3138	The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services. Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump. Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination). In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination. In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.	7/31/2010	6/29/2011	690	321
3139	ScanToolMode\$OA non-erasable permanent DTCs (Mode \$OA) for fuel rail pressure monitoring Gen2 PC; Gen2.1 / 2.2 SUV PVE (I)(2) testing DADXT03.03UG_Q7 DADXT03.02UG_Touareg EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PC The issue was discovered during PVE (I)(2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) ScanToolMode\$OA non-erasable permanent DTC (Mode \$OA) urea tank heater circuit failure Gen2.1 PVE (I)(2) testing DADXT03.02UG_Touareg EADXT03.02UG_Touareg The issue was discovered during PVE (I)(2) testing and was reported to the agencies on May 7, 2018 NOx-Sensor Rationality monitor NOx Sensor out-of-range monitor without function (P2202; P2203; P22A0 and P22A1) Gen2 PC (MW14 only) Gen2.1 SUV PVE (I)(2) testing EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PC The issue was discovered during PVE (I)(2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) NOx-Sensor Rationality monitor Upstream NOx-Sensors being replaced consequentially due to a false MIL condition resulting from an air system model SW-bug Gen2 PC / Gen2.1 SUV Internal SW check DADXT03.03UG_Q7 DADXT03.02UG_Touareg EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PC The software bug in ASMod is not a part of the AEM. Fixing the software bug in ASMod will address the false MIL condition, without modifying the OBD calibration of the AEM. Throttle Valve Rationality monitor Monitoring of throttle valve offset adaptation without function Gen2.1 SUV (Q7 only) PVE (I)(2) testing DADXT03.03UG_Q7 EADXT03.03UG_Q7 The issue was discovered during PVE (I)(2) testing and was reported to the agencies on May 7, 2018 Oxidation Catalyst (DOC) efficiency monitor The DOC is being replaced consequentially due to a false MIL condition resulting from specific driving conditions e.g. in altitude that are not covered by the monitor calibration. Gen2.1 / 2.2 SUV Technical Issue DADXT03.03UG_Q7 DADXT03.02UG_Touareg			2961	2961
3140	Complaint MIL on, EPC indicator on DTCs Present P001100: Camshaft 7A?? (B1) Timing Over-advanced / System perform. P002100: Camshaft 7A?? (B2) Timing Over-advanced / System perform. P052A00: Cold Start, Camshaft 7A?? (B1) Timing Over-advanced P052C00: Cold Start, Camshaft 7A?? (B2) Timing Over-advanced Component Camshaft Adjuster Part Number - Production 06E109083Q (intake) 06E109084N (exhaust) Part Number - Replacement 06E109083N (intake) 06E109084N (exhaust) Part Number - Analysis 06E109083N (intake) 06E109084N (exhaust) Analysis 7 parts received / analyzed Sx06E109083 N ? internal locking pin of camshaft adjuster stuck 2x06E109084 N ? NTF Note: In the field, failure could not be clearly located between the intake and exhaust camshaft adjusters; therefore, both parts have been replaced at the same time.			5957	206
3141	Complaint MIL on, EPC indicator on DTCs Present P001100: Camshaft 7A?? (B1) Timing Over-advanced / System perform. P002100: Camshaft 7A?? (B2) Timing Over-advanced / System perform. P052A00: Cold Start, Camshaft 7A?? (B1) Timing Over-advanced P052C00: Cold Start, Camshaft 7A?? (B2) Timing Over-advanced Component Camshaft Adjuster Part Number - Production 06E109083Q (intake) 06E109084N (exhaust) Part Number - Replacement 06E109083N (intake) 06E109084N (exhaust) Part Number - Analysis 06E109083N (intake) 06E109084N (exhaust) Analysis 7 parts received / analyzed Sx06E109083 N ? internal locking pin of camshaft adjuster stuck 2x06E109084 N ? NTF Note: In the field, failure could not be clearly located between the intake and exhaust camshaft adjusters; therefore, both parts have been replaced at the same time.			5957	206

	A	B	C	D	E	F	G	H	I	J	K	L
3142	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q7	
3143	BMW	BMX	New Submission	Submitted	5/28/2019 9:18:18		BMX-DR-2019-0000369	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i xDrive (SWB)	
3144	FCAUS LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Jeep	Renegade 4x4	
3145	FCAUS LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Jeep	Renegade 4x4	
3146	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Touareg	
3147	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	ABL	
3148	FCAUS LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x4	
3149	FCAUS LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
3150	FCAUS LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
3151	FCAUS LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
3152	FCAUS LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x2	
3153	FCAUS LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4 Active Drive II	
3154	FCAUS LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger SRT8	

	Q	R	S	T	U	
	<p>Calibration Concerns: Scan Tool Mode \$0A, this is a Non-erasable permanent DTCs (Mode \$0A) for fuel rail pressure monitoring. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: NOx Sensor Rationality monitor, this is a NOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1). The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: Throttle Valve Rationality monitor: The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Oxidation Catalyst (DOC) efficiency monitor, The issue occurs during high altitude driving conditions, requires replacement of the DOC (impacting durability), and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM</p> <p>Calibration Concerns: Boost system Rationality monitor, Boost system gross leakage monitor with limited function. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Engine Control Module (ECM) Inhibit relations, Planned improvements of inhibit relations to avoid additional fault codes and ensure reliable guidance for service. The issue was discovered during PVE [i][2] testing and was reported to the agencies on July 2, 2018.</p> <p>Calibration Concerns: Engine Control Module (ECM) Injection Limitation, Reduction of the fuel injection pattern at high ECM temperatures and low battery voltage. This issue has not caused customer complaints and is unlikely to occur in ordinary driving conditions. Fixing this issue does not require changing the AEM.</p> <p>Calibration Concerns: Service-Tester/Tools, Service base setting to adjust idle speed. This is a minor change designed for dealer diagnostics. It does not change the AEM calibration</p> <p>Calibration Concerns: Vehicle Drivability (Poor Fuel Adaptation), Customer complaints regarding drivability during engine warm-up. The issue affects drivability of the vehicle, occurs during ordinary vehicle operation and use, and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM.</p> <p>Calibration Concerns: Reductant Supply Module, The SCR module is being replaced due to a false MIL condition resulting from high temperatures/diagnostic thresholds of consumption deviation monitor. The change will impact the AEM calibration, but the change is not required to fix this Technical Issue. The proposed change is an improvement for the issue, but not a complete solution.</p> <p>GenerationModelMYCal IDECU/TCU</p> <p>Gen 2.1 SUVQ720134L2910401A0011 AVABECU</p> <p>Gen 2.1 SUVfourareg201337P0907401K 0011 AVABECU</p> <p>Gen 2 PCA620144G0907401N 0013 BVABECU</p> <p>Gen 2 PCA720144G0907401N 0013 BVABECU</p> <p>Gen 2 PCA820144H0907401F 0013 BVABECU</p> <p>Gen 2 PCQ520148K9074011 0011 BVABECU</p> <p>Gen 2.1 SUVQ720144L2910401A0012 AVABECU</p> <p>Gen 2.1 SUVfourareg20147P0907401K 0011 AVABECU</p> <p>Gen 2.1 SUVfourareg20130C8927750AK 3398TCU</p> <p>Gen 2.1 SUVfourareg20140C8927750CF 3376TCU</p> <p>Gen 2 PCA6/A720144G0927158AQ 1006/1008TCU</p> <p>Gen 2 PCA820144H1927158AM 1008 TCU</p> <p>Gen 2 PCA820144H1927158CX 1008 TCU</p> <p>Gen 2 PCQ52014 BR0927158Q 1007TCU</p>				2961	2961
3142	<p>The affected part numbers 51747497279 respectively 51137497285 and 51138091760 respectively 51748091762 relate to the components upper respectively lower air flaps (Active Grill Shutters). Please note that only the 7-Series models 750i xDrive (SWB), 750i and 750i xDrive and the 5-Series model M550i xDrive are equipped with active grill shutters. All other models included in model year 2018 test group JBMXJ04.4N63 have no active grill shutters built.</p> <p>The affected part numbers 51747497279 and 51137497285 for components upper and lower air flaps relate only to the 5-Series model M550i xDrive.</p> <p>The affected part numbers 51138091760 and 51748091762 for components upper and lower air flap relate only to the 7-Series models 750i xDrive (SWB), 750i and 750i xDrive.</p> <p>Analyses have shown that components lower and upper air flaps with part numbers 51747497279 respectively 51137497285 and 51138091760 respectively 51748091762 were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance).</p> <p>There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator silt) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures): The kinematics /component ?spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>					
3143		2/28/2017	6/29/2018	5600	4000	
3144	<p>Some 2015 - 2017 MY Jeep®, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a P0481 diagnostic trouble code (DTC) for "Cooling Fan 2 Control Circuit Malfunction" triggering the check engine lamp, or MIL, to illuminate. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength. This could lead to bushing wear and, under certain conditions, cause the engine cooling fan to fail.</p>				50014	50014
3145	<p>Some 2015 - 2017 MY Jeep®, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a P0481 diagnostic trouble code (DTC) for "Cooling Fan 2 Control Circuit Malfunction" triggering the check engine lamp, or MIL, to illuminate. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength. This could lead to bushing wear and, under certain conditions, cause the engine cooling fan to fail.</p>				3090	3090
3146	<p>Calibration Concerns: Scan Tool Mode \$0A, this is a Non-erasable permanent DTCs (Mode \$0A) for fuel rail pressure monitoring. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: NOx Sensor Rationality monitor, this is a NOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1). The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: Throttle Valve Rationality monitor: The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Oxidation Catalyst (DOC) efficiency monitor, The issue occurs during high altitude driving conditions, requires replacement of the DOC (impacting durability), and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM</p> <p>Calibration Concerns: Boost system Rationality monitor, Boost system gross leakage monitor with limited function. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Engine Control Module (ECM) Inhibit relations, Planned improvements of inhibit relations to avoid additional fault codes and ensure reliable guidance for service. The issue was discovered during PVE [i][2] testing and was reported to the agencies on July 2, 2018.</p> <p>Calibration Concerns: Engine Control Module (ECM) Injection Limitation, Reduction of the fuel injection pattern at high ECM temperatures and low battery voltage. This issue has not caused customer complaints and is unlikely to occur in ordinary driving conditions. Fixing this issue does not require changing the AEM.</p> <p>Calibration Concerns: Service-Tester/Tools, Service base setting to adjust idle speed. This is a minor change designed for dealer diagnostics. It does not change the AEM calibration</p> <p>Calibration Concerns: Vehicle Drivability (Poor Fuel Adaptation), Customer complaints regarding drivability during engine warm-up. The issue affects drivability of the vehicle, occurs during ordinary vehicle operation and use, and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM.</p> <p>Calibration Concerns: Reductant Supply Module, The SCR module is being replaced due to a false MIL condition resulting from high temperatures/diagnostic thresholds of consumption deviation monitor. The change will impact the AEM calibration, but the change is not required to fix this Technical Issue. The proposed change is an improvement for the issue, but not a complete solution.</p> <p>DTCs PresentNOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</p> <p>ComponentECM Software Calibration, PVE [i][2]</p> <p>Part Number - Analysis GenerationModelMYCal IDECU/TCU</p> <p>Gen 2 PCA620154G0907401N 0013 BVABECU</p> <p>Gen 2 PCA720154G0907401N 0013 BVABECU</p> <p>Gen 2 PCA820154H0907401N 0007 BVABECU</p> <p>Gen 2 PCQ520158K907401AC 0008 BVABECU</p> <p>Gen 2.1 SUVQ720154L2910401A0012 AVABECU</p> <p>Gen 2.2 SUVfourareg20157P1907401C 0007 AVABECU</p> <p>Gen 2 PCA620164G0907401AA 0010 BVABECU</p> <p>Gen 2 PCA720164G0907401AA 0010 BVABECU</p> <p>Gen 2 PCA820164H0907401N 0007 BVABECU</p> <p>Gen 2 PCQ520168K907401AC 0008 BVABECU</p> <p>Gen 2.2 SUVfourareg20167P1907401C 0007 AVABECU</p>				2416	2416
3147	<p>Calibration Concerns: Scan Tool Mode \$0A, this is a Non-erasable permanent DTCs (Mode \$0A) for fuel rail pressure monitoring. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: NOx Sensor Rationality monitor, this is a NOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1). The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: Throttle Valve Rationality monitor: The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Oxidation Catalyst (DOC) efficiency monitor, The issue occurs during high altitude driving conditions, requires replacement of the DOC (impacting durability), and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM</p> <p>Calibration Concerns: Boost system Rationality monitor, Boost system gross leakage monitor with limited function. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Engine Control Module (ECM) Inhibit relations, Planned improvements of inhibit relations to avoid additional fault codes and ensure reliable guidance for service. The issue was discovered during PVE [i][2] testing and was reported to the agencies on July 2, 2018.</p> <p>Calibration Concerns: Engine Control Module (ECM) Injection Limitation, Reduction of the fuel injection pattern at high ECM temperatures and low battery voltage. This issue has not caused customer complaints and is unlikely to occur in ordinary driving conditions. Fixing this issue does not require changing the AEM.</p> <p>Calibration Concerns: Service-Tester/Tools, Service base setting to adjust idle speed. This is a minor change designed for dealer diagnostics. It does not change the AEM calibration</p> <p>Calibration Concerns: Vehicle Drivability (Poor Fuel Adaptation), Customer complaints regarding drivability during engine warm-up. The issue affects drivability of the vehicle, occurs during ordinary vehicle operation and use, and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM.</p> <p>Calibration Concerns: Reductant Supply Module, The SCR module is being replaced due to a false MIL condition resulting from high temperatures/diagnostic thresholds of consumption deviation monitor. The change will impact the AEM calibration, but the change is not required to fix this Technical Issue. The proposed change is an improvement for the issue, but not a complete solution.</p> <p>DTCs PresentNOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</p> <p>ComponentECM Software Calibration, PVE [i][2]</p> <p>Part Number - Analysis GenerationModelMYCal IDECU/TCU</p> <p>Gen 2 PCA620154G0907401N 0013 BVABECU</p> <p>Gen 2 PCA720154G0907401N 0013 BVABECU</p> <p>Gen 2 PCA820154H0907401N 0007 BVABECU</p> <p>Gen 2 PCQ520158K907401AC 0008 BVABECU</p> <p>Gen 2.1 SUVQ720154L2910401A0012 AVABECU</p> <p>Gen 2.2 SUVfourareg20157P1907401C 0007 AVABECU</p> <p>Gen 2 PCA620164G0907401AA 0010 BVABECU</p> <p>Gen 2 PCA720164G0907401AA 0010 BVABECU</p> <p>Gen 2 PCA820164H0907401N 0007 BVABECU</p> <p>Gen 2 PCQ520168K907401AC 0008 BVABECU</p>				6970	6970
3148	Some 2016-2017 MY Chrysler Pacifica ("RU"), Jeep® Grand Cherokee ("WK"), Dodge Durango ("WD"), Jeep® Wrangler ("JK"), Ram 1500 ("D5"), Ram Promaster ("VF") equipped with a 3.6L and 5.7L engine, Chrysler 300 ("X") - Dodge Challenger ("LA") - Dodge Charger ("LD") equipped with a 5.7L 6.2L and 6.4L engine, Ram 2500 ("D") equipped with a 6.4L engine and Jeep® Cherokee ("KL") equipp				187237	17
3149	Some 2016-2017 MY Chrysler Pacifica ("RU"), Jeep® Grand Cherokee ("WK"), Dodge Durango ("WD"), Jeep® Wrangler ("JK"), Ram 1500 ("D5"), Ram Promaster ("VF") equipped with a 3.6L and 5.7L engine, Chrysler 300 ("X") - Dodge Challenger ("LA") - Dodge Charger ("LD") equipped with a 5.7L 6.2L and 6.4L engine, Ram 2500 ("D") equipped with a 6.4L engine and Jeep® Cherokee ("KL") equipp				261604	0
3150	Some 2016-2017 MY Chrysler Pacifica ("RU"), Jeep® Grand Cherokee ("WK"), Dodge Durango ("WD"), Jeep® Wrangler ("JK"), Ram 1500 ("D5"), Ram Promaster ("VF") equipped with a 3.6L and 5.7L engine, Chrysler 300 ("X") - Dodge Challenger ("LA") - Dodge Charger ("LD") equipped with a 5.7L 6.2L and 6.4L engine, Ram 2500 ("D") equipped with a 6.4L engine and Jeep® Cherokee ("KL") equipp				261604	0
3151	Some 2016-2017 MY Chrysler Pacifica ("RU"), Jeep® Grand Cherokee ("WK"), Dodge Durango ("WD"), Jeep® Wrangler ("JK"), Ram 1500 ("D5"), Ram Promaster ("VF") equipped with a 3.6L and 5.7L engine, Chrysler 300 ("X") - Dodge Challenger ("LA") - Dodge Charger ("LD") equipped with a 5.7L 6.2L and 6.4L engine, Ram 2500 ("D") equipped with a 6.4L engine and Jeep® Cherokee ("KL") equipp				300041	1
3152	Some 2016-2017 MY Chrysler Pacifica ("RU"), Jeep® Grand Cherokee ("WK"), Dodge Durango ("WD"), Jeep® Wrangler ("JK"), Ram 1500 ("D5"), Ram Promaster ("VF") equipped with a 3.6L and 5.7L engine, Chrysler 300 ("X") - Dodge Challenger ("LA") - Dodge Charger ("LD") equipped with a 5.7L 6.2L and 6.4L engine, Ram 2500 ("D") equipped with a 6.4L engine and Jeep® Cherokee ("KL") equipp				51235	3
3153	Some 2016-2017 MY Chrysler Pacifica ("RU"), Jeep® Grand Cherokee ("WK"), Dodge Durango ("WD"), Jeep® Wrangler ("JK"), Ram 1500 ("D5"), Ram Promaster ("VF") equipped with a 3.6L and 5.7L engine, Chrysler 300 ("X") - Dodge Challenger ("LA") - Dodge Charger ("LD") equipped with a 5.7L 6.2L and 6.4L engine, Ram 2500 ("D") equipped with a 6.4L engine and Jeep® Cherokee ("KL") equipp				322722	8
3154	Some 2016-2017 MY Chrysler Pacifica ("RU"), Jeep® Grand Cherokee ("WK"), Dodge Durango ("WD"), Jeep® Wrangler ("JK"), Ram 1500 ("D5"), Ram Promaster ("VF") equipped with a 3.6L and 5.7L engine, Chrysler 300 ("X") - Dodge Challenger ("LA") - Dodge Charger ("LD") equipped with a 5.7L 6.2L and 6.4L engine, Ram 2500 ("D") equipped with a 6.4L engine and Jeep® Cherokee ("KL") equipp				13945	1

	A	B	C	D	E	F	G	H	I	J	K	L
3155	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3156	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3157	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
3158	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740Ld xDrive	
3159	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
3160	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
3161	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 16:40:14		KMX-DR-2019-0000212	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Sportage FWD	
3162	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 16:40:14		KMX-DR-2019-0000212	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Soul	
3163	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 16:40:14		KMX-DR-2019-0000212	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Sportage AWD	
3164	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000226	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage AWD	
3165	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000226	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage FWD	
3166	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000226	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage AWD	
3167	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3168	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3169	Volvo Car USA, LLC	VVX	New Submission	Submitted	6/12/2019 10:15:13		VVX-DR-2019-0000432	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			

	M	N	O	P
3155		HILXV05.0FAM	2017	Electrical Wiring, Sensor, and Actuator Systems
3156		GILXV05.0FAM	2016	Electrical Wiring, Sensor, and Actuator Systems
3157		GBMXT03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3158		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3159		CMBXT03.0HD2	2012	Air Inlet System (Including Turbo and Superchargers)
3160		BMBXT03.0HD1	2011	Air Inlet System (Including Turbo and Superchargers)
3161		LKMXT02.4HH3	2020	On-Board Diagnostic (OBD) System
3162		LKMVX02.0BES	2020	On-Board Diagnostic (OBD) System
3163		LKMXT02.4HH3	2020	On-Board Diagnostic (OBD) System
3164		HKMXT02.44N9	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3165		HKMXT02.44N5	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3166		HKMXT02.44N5	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3167		ECRX103.65PC	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3168		FCRX103.65PD	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3169		KVWU02.0U7A	2019	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
3170	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
3171	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
3172	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
3173	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
3174	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
3175	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
3176	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
3177	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
3178	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
3179	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	

	M	N	O	P
3170		DSKV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3171		DSKV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3172		BSKV2.395F1	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3173		CSKV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3174		ASKV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3175		DSKV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3176		BSKV2.395F1	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3177		BSKV2.395F1	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3178		CSKV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3179		ASKV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
3170	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2012	10/31/2012	1805	1805
3171	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2012	10/31/2012	1805	1805
3172	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2010	5/31/2011	6120	6120
3173	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2011	5/31/2012	6331	6331
3174	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	10/13/2009	5/31/2010	6807	6807
3175	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2012	10/31/2012	1805	1805
3176	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2010	5/31/2011	6120	6120
3177	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2010	5/31/2011	6120	6120
3178	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2011	5/31/2012	6331	6331
3179	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	10/13/2009	5/31/2010	6807	6807

	A	B	C	D	E	F	G	H	I	J	K	L
3180	Suzuki Motor Corporation	SKY	New Submission	Submitted	6/12/2019 12:10:25		SKY-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
3181	Mercedes Benz	MBX	New Submission	Submitted	6/17/2019 4:10:18		MBX-DR-2019-0000437	Defect Report	DR - Catalyst System			
3182	Ford Motor Company	FMX	Correction	Submitted	3/29/2019 9:11:40		FMX-DR-2018-0000690	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3183	General Motors LLC	GMX	New Submission	Submitted	8/1/2019 17:14:58		GMX-DR-2019-0000575	Defect Report	DR - Emission Control Information Label			
3184	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra	
3185	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra SE	
3186	Jaguar Land Rover Limited	JLX	New Submission	Submitted	5/3/2019 10:05:33		JLX-DR-2019-0000214	Defect Report	DR - On-Board Diagnostic (OBD) System	Land Rover	Range Rover Evoque Cabriolet	
3187	Jaguar Land Rover Limited	JLX	New Submission	Submitted	5/3/2019 10:05:33		JLX-DR-2019-0000214	Defect Report	DR - On-Board Diagnostic (OBD) System	Land Rover	Discovery Sport	
3188	BMW	BMX	New Submission	Submitted	6/26/2019 7:24:59		BMX-DR-2019-0000486	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d x-Drive	
3189	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT AWD	
3190	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX AWD	
3191	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX FWD	
3192	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ODYSSEY FWD	
3193	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50	
3194	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60a	
3195	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60	
3196	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60a AWD	
3197	Kia Motors Corporation	KMX	Correction	Submitted	3/4/2019 13:26:48		KMX-DR-2018-0000711	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima plug-in hybrid	
3198	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 AWD	
3199	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 AWD	

	A	B	C	D	E	F	G	H	I	J	K	L
3200	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 AWD	
3201	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/26/2019 15:06:56	5/1/2019 13:51:03	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX 2WD	
3202	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3203	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3204	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3205	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3206	Toyota Motor Corporation	TYX	New Submission	Submitted	7/17/2019 14:02:22		TYX-DR-2019-0000529	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS c	
3207	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3208	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3209	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3210	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3211	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3212	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3213	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3214	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/5/2019 11:26:52		VGA-DR-2019-0000192	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Atlas 4Motion	

	M	N	O	P
3200		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3201		GHNXXV03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3202		GMBXT03.0U2A	2016	Exhaust Gas Recirculation (EGR) System
3203		CMBXT03.0U2B	2012	Exhaust Gas Recirculation (EGR) System
3204		DMBXXV03.0U2A	2013	Exhaust Gas Recirculation (EGR) System
3205		FMBXT03.0U2A	2015	Exhaust Gas Recirculation (EGR) System
3206		KTYXV01.SP34	2019	Hybrid Vehicle System
3207		GMBXT03.0U2A	2016	Electrical Wiring, Sensor, and Actuator Systems
3208		FMBX002.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
3209		GMBXV002.1U2B	2016	Electrical Wiring, Sensor, and Actuator Systems
3210		EMBX002.2U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
3211		FMBXT03.0U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
3212		CMBXT03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
3213		DMBXXV03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
3214		JVVGAT03.6VAS	2018	On-Board Diagnostic (OBD) System

3200	GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3201	GHNXT03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)

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3202	GMBXT03.0U2A	2016	Exhaust Gas Recirculation (EGR) System
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3203	CMBXT03.0U2B	2012 Exhaust Gas Recirculation (EGR) System
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3204	DMBXV03.0U2A	2013 Exhaust Gas Recirculation (EGR) System
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3205	FMBXT03.0U2A	2015	Exhaust Gas Recirculation (EGR) System
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3206	KTYXV01.5P34	2019	Hybrid Vehicle System
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3207	GMBXT03.0U2A	2016	Electrical Wiring, Sensor, and Actuator Systems
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3208	FMBXJ02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
3209	GMBXV02.1U2B	2016	Electrical Wiring, Sensor, and Actuator Systems

3209	GMBXV02.102B	2016	Electrical Wiring, Sensor, and Actuator Systems
3210	EMBXJ02.2U2A	2014	Electrical Wiring, Sensor, and Actuator Systems

3210	FMBX02.0U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
3211	FMBXT03.0U2A	2015	Electrical Wiring, Sensor, and Actuator Systems

3212	CMBXT03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
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3213	DMBXV03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
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3214	JVGAT03.6VAS	2018	On-Board Diagnostic (OBD) System
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	Q	R	S	T	U
	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>				
3200	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	2/2/2015	11/7/2016	33968 134326	33968 1386
	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>			1697	51
3202					
	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>			7216	225
3203					
	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>			562	26
3204					
	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>			4420	99
3205					
3206	The hybrid system of the subject vehicles includes a DC-DC converter that reduces the voltage of the electricity from the HV battery in order to charge the auxiliary battery. Due to improper maintenance of specific pallets and pins used for the circuit board soldering process at a supplier, there is a possibility that, when combined with a certain production variation, the soldering of a spec			66	66
3207	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			1696	9
3208	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			8165	121
3209	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			1110	18
3210	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			7730	1154
3211	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			4424	121
3212	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			6697	5
3213	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			875	0
	<p>Complaint:One or more of the following fault codes may be erroneously stored in the ECM Fault Memory with MIL possible;</p> <p>DTCs Present: P0116: Engine Coolant Temperature Sensor 1 Circuit Range/Performance P0300: Random/Multiple Cylinder Misfire Detected P0301, P0302, P0303, P0304, P0305, P0306: Cylinder 1-6 Misfire Detected P068A: ECM/PCM Power Relay De-Energized Performance - Too Early P2098: Post Catalyst Fuel Trim System Too Lean Bank 2;</p> <p>Component:ECM Software;</p> <p>Part Number ? Production:03H906026E_4744, 6024 03H906026F_4743, 6025 03H906026J_4746, 6026;</p> <p>Part Number ? Replacement:03H906026E_6695 03H906026F_6696 03H906026J_6697;</p> <p>Part Number ? Analysis:03H906026E_3987, 4192, 4744, 6024 03H906026F_3988, 4193, 4745, 6025 03H906026J_3989, 4195, 4746, 6026;</p> <p>Analysis:Refer to the attached file ?CBI_JVGATD3.6VAS_APPRF06.pdf?? for events and corrective actions documented within Running Change / Field Fix BRF_JV3.6VAS_06_18.</p>			76401	63771
3214					

	A	B	C	D	E	F	G	H	I	J	K	L
3215	BMW	BMX	New Submission	Submitted	3/6/2019 9:04:57		BMX-DR-2019-0000181	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive50i	
3216	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini Cooper S	
3217	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Conv	
3218	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Clubman	
3219	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Conv	
3220	Ford Motor Company	FMX	Correction	Submitted	3/20/2019 8:57:34		FMX-DR-2018-0000601	Defect Report	DR - Hybrid Vehicle System			
3221	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	IS 350 AWD	
3222	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	CAMRY XSE	
3223	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	RX 350 L	
3224	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	CAMRY	
3225	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	Veloster	

	M	N	O	P
3215		FBMXT04.4F15	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3216		ABMXV01.6LER	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3217		BBMXV01.6SPD	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3218		CBMXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3219		CBMXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3220		DFMXV02.0VZP	2013	Hybrid Vehicle System
3221		JTYXV03.5M5A	2018	Electrical Wiring, Sensor, and Actuator Systems
3222		JTYXV03.5M5B	2018	Electrical Wiring, Sensor, and Actuator Systems
3223		JTYXV03.5M5M	2018	Electrical Wiring, Sensor, and Actuator Systems
3224		JTYXV03.5M5B	2018	Electrical Wiring, Sensor, and Actuator Systems
3225		FKMXV01.6DBE	2015	Catalyst System

	Q	R	S	T	U
3215	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 41% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 59% of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	7/31/2014	7/30/2015	6359	1246
3216	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	8/31/2009	7/30/2010	18482	5452
3217	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	7/31/2010	6/29/2011	690	321
3218	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	6/30/2011	6/29/2012	1048	435
3219	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	6/30/2011	6/29/2012	1048	435
3220	Some 2013 and 2014 model year 2.0L Fusion and C-Max plug-in hybrid vehicles were built with transmission assemblies that may require replacement due to differential and transfer shaft bearing retention and lubrication issues.			16996	816
3221	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			13996	13996
3222	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			25015	25015
3223	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			144048	144048
3224	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			25015	25015
3225	<p>2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection (COP) logic could be a cause of this issue.</p> <p>High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires.</p> <p>To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.</p>			90695	2335

	A	B	C	D	E	F	G	H	I	J	K	L
3226	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Rio ECO	
3227	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	SOUL ECO	
3228	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3229	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
3230	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
3231	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-Z	
3232	Mercedes Benz	MBX	New Submission	Submitted	4/3/2019 5:29:26		MBX-DR-2019-0000257	Defect Report	DR - On-Board Diagnostic (OBD) System			
3233	Jaguar Land Rover Limited	JLX	New Submission	Submitted	2/6/2019 15:34:09		JLX-DR-2019-0000094	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3234	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	
3235	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe M Performance	
3236	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	

	M	N	O	P
3226		EKMXV01.6DBE	2014	Catalyst System
3227		DKMXV01.6DBE	2013	Catalyst System
3228		FMBXT03.0U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
3229		FHNXV01.55DB	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3230		DHNXV01.5YDB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3231		FHNXV01.57D2	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3232		HMBXT02.0U2A	2017	On-Board Diagnostic (OBD) System
3233		FJLXV03.0FSP	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3234		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
3235		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
3236		JBMXJ02.0B4X	2016	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
3237	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
3238	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
3239	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i	
3240	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M760i xDrive	
3241	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Convertible	
3242	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 M40i	

	M	N	O	P
3237		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System
3238		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
3239		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
3240		LBMXV06.6N74	2020	On-Board Diagnostic (OBD) System
3241		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
3242		JBMXJ03.0B5X	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
3237	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2016	6/29/2017	659	659
3238	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2018	2/27/2019	6181	6181
3239	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2016	6/29/2017	1378	1378
3240	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	85	85
3241	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2016	6/29/2017	2937	2937
3242	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	7/31/2017	3/30/2018	646	646

	A	B	C	D	E	F	G	H	I	J	K	L
3243	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X4 M40i	
3244	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X7 xDrive50i	
3245	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 M35i	
3246	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive Gran Turismo	
3247	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	
3248	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive	

	M	N	O	P
3243		KBMXJ03.0B5X	2019	On-Board Diagnostic (OBD) System
3244		KBMXJ04.4N63	2019	On-Board Diagnostic (OBD) System
3245		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
3246		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
3247		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
3248		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
3249	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	
3250	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive Gran Turismo	
3251	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	
3252	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
3253	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
3254	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	

	M	N	O	P
3249		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
3250		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
3251		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
3252		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System
3253		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
3254		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
3249	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	3/31/2019	5/7/2019	904	904
3250	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
3251	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
3252	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iLd xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
3253	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iLd xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
3254	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iLd xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701

	A	B	C	D	E	F	G	H	I	J	K	L
3255	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Charger	
3256	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica	
3257	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Charger	
3258	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			
3259	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			
3260	BMW	BMX	New Submission	Superseded	1/29/2019 9:16:50	1/29/2019 9:21:28	BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 7	

	M	N	O	P
3255		JCRXV03.65PA	2018	On-Board Diagnostic (OBD) System
3256		JCRXT03.65P4	2018	On-Board Diagnostic (OBD) System
3257		JCRXV05.75P1	2018	On-Board Diagnostic (OBD) System
3258		JCRXV06.25P0	2018	On-Board Diagnostic (OBD) System
3259		JCRXT06.45P1	2018	On-Board Diagnostic (OBD) System
3260		DBMXV03.0AH5	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
3255	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			1240	1240
3256	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			51642	51642
3257	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			24314	24314
3258	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			5961	5961
3259	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			4688	4688
3260	<p>The affected part number 16117341299 relates to the Fuel Tank Supply Module. Analyses have shown, that the component fuel tank supply module in general was replaced due to a software failure in the ECU (Engine Control Unit). In more detail: The component PT-sensor (pressure/temperature sensor) located inside of the fuel tank supply module is/was monitored also during driving conditions. This could lead to the scenario, that the PT-sensor shows an implausible value (e.g. temperature drop) due to contact with fuel and the OBD diagnostic detects the PT-sensor as malfunctioning (including the corresponding fault code and MIL illumination) although the component PT-sensor is not malfunctioning. As a result the malfunctioning?? PT-sensor was replaced in services by replacing the complete fuel tank supply module. This means that in general the component fuel tank supply module was replaced without being malfunctioning. Beginning with July 2013, BMW has modified the ECU software so that the OBD diagnostics for component PT-sensor are only running during engine off time conditions to avoid the false failure detection and false MIL as described above.</p>	6/30/2012	6/29/2013	0	0

	A	B	C	D	E	F	G	H	I	J	K	L
3263	BMW	BMX	New Submission	Superseded	1/29/2019 8:00:02	1/29/2019 10:38:10	BMX-DR-2019-0000017	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
3262	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forté 5	
3263	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	
3264	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3265	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3266	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/9/2019 11:59:21		NSX-DR-2019-0000744	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	
3267	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	SPORTAGE 2WD	
3268	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	SPORTAGE 2WD	
3269	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Sportage FWD	
3270	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Sportage FWD	
3271	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	
3272	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	
3273	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
3274	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
3275	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe AWD	

	A	B	C	D	E	F	G	H	I	J	K	L
3276	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
3277	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson 4WD	
3278	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
3279	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson FWD	
3280	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
3281	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	

	M	N	O	P
3276		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
3277		EHYXT02.42UP	2014	Electrical Wiring, Sensor, and Actuator Systems
3278		FHYXV02.01VE	2015	Electrical Wiring, Sensor, and Actuator Systems
3279		KHYXV02.4LH5	2019	Electrical Wiring, Sensor, and Actuator Systems
3280		FHYXV02.41WE	2015	Electrical Wiring, Sensor, and Actuator Systems
3281		FHYXV02.41JE	2015	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
3282	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe PWD	
3283	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 14:04:38		KMX-DR-2019-0000928	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage AWD	
3284	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 FWD	
3285	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 AWD	
3286	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 AWD	
3287	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 PWD	
3288	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S80 PWD	
3289	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
3290	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC70 AWD	
3291	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 AWD	

	M	N	O	P
3282		KHYXV02.4MH5	2019	Electrical Wiring, Sensor, and Actuator Systems
3283		FKMXT02.45NP	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3284		GVVXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
3285		JVVXJ02.0B70	2018	Air Inlet System (Including Turbo and Superchargers)
3286		HVVXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
3287		HVVXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
3288		PVXV02.0S3T	2015	Air Inlet System (Including Turbo and Superchargers)
3289		HVVXT02.0P3T	2017	Air Inlet System (Including Turbo and Superchargers)
3290		PVXJ03.0U2T	2015	Air Inlet System (Including Turbo and Superchargers)
3291		GVVXT02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>				
	Some 2014~2016 model year KIA Sportage 2.4 GDI SULEV's may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards. According to our investigation, the main cause is a ECU data calibration is a deviation of injector flow quantity, catalyst heating based on the differences of engine mechanical friction and compensation operated by downstream			59405 11083	0 0
3284	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			20507	474
3285	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			41181	181
3286	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			48704	367
3287	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			48704	367
3288	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			8224	914
3289	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			2681	199
3290	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			19208	54
3291	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			36859	1534

	A	B	C	D	E	F	G	H	I	J	K	L
3292	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 AWD	
3293	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 AWD	
3294	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 FWD	
3295	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC40 FWD	
3296	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC40 AWD	
3297	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 FWD	
3298	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 AWD	
3299	Ford Motor Company	FMX	New Submission	Submitted	10/17/2019 11:18:17		FMX-DR-2019-0000762	Defect Report	DR - Crankcase Ventilation System			
3300	Subaru Corporation	FIX	New Submission	Submitted	10/31/2019 17:43:37		FIX-DR-2019-0000907	Defect Report	DR - Ignition System			
3301	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	GOLF	
3302	Kia Motors Corporation	KMX	New Submission	Submitted	9/24/2019 16:56:27		KMX-DR-2019-0000522	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	CAMRY XSE/TRD	
3303	Toyota Motor Corporation	TYX	New Submission	Submitted	11/12/2019 15:51:34		TYX-DR-2019-0000939	Defect Report	DR - Drivetrain/Transmission System			
3304	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/15/2019 10:08:56		JLX-DR-2019-0000755	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
3292		JVWXJ02.0125	2018	Air Inlet System (Including Turbo and Superchargers)
3293		KVWXJ02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
3294		KVWXJ02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
3295		LVWXJ02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
3296		LVWXJ02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
3297		LVWXJ02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
3298		JVWXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
3299		KFMXV02.7VLM	2019	Crankcase Ventilation System
3300		KFXJ02.5BLUY	2019	Ignition System
3301		CVWXV02.0USN	2012	Exhaust Gas Recirculation (EGR) System
3302		HKMXV02.04EP	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3303		LTYXV03.5M5B	2020	Drivetrain/Transmission System
3304		HJLXT03.0GTR	2017	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			23992	162
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			28588	1117
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			28588	1117
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			4923	93
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			4923	93
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			4923	93
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			2865	59
	<p>Some 2019 MY 2.7L and 3.0L gasoline turbocharged direct injection (GTDI) vehicles were built with a positive crankcase ventilation (PCV) valve that was not intended for these applications, which can result in an increased risk of false malfunction indicator light (MIL) illumination.</p>			955	955
	<p>Due to improper Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. If the ignition coil remains energized for too long, the internal temperature of ignition coil may increase which could cause a short circuit and a blown fuse. If a s</p>	3/8/2018	6/21/2019	183286	0
	<p>Complaint: MIL on</p> <p>DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components: EGR Filter</p> <p>Part Number ? Incorrect: 1K0253120</p> <p>Part Number ? Correct: 1K0253120B</p> <p>Analysis: Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>The wrong EGR filter could affect the DPF OBD diagnosis by not detecting a DPF Fault.</p>			32	32
	<p>Some of 2017/2018 model year Fortes equipped with 2.0 liter (MPi) engines might have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0300*P0304(multiple or single misfire) set. The cause of this problem is an electric short in the ignition coil due to water absorption.</p>			37034	0
	<p>To correct this problem, Kia has changed to an improved water resistant ignition coil or RFI spring kit.</p>			5035	5035
	<p>During development of 2020MY software calibration for Camry and Avalon, Toyota considered implementing updated transmission control software, including calibration values that can indirectly impact fuel cut activation. However, it was determined that software development modifications would not be carried out for 2020MY, thus the original base software functionality was imple</p>				
	<p>The manufacturing process at the supplier may result in misalignment within the pre-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction.</p> <p>The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs) relevant to the post-catalyst heated oxygen sensors to be stored in the Engine Control Module (ECM) also known as the Powertrain Control Module (PCM).</p>			6931	468

	A	B	C	D	E	F	G	H	I	J	K	L
3305	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/15/2019 10:08:56		JLX-DR-2019-0000755	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3306	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
3307	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S6	
3308	Porsche AG	PRX	New Submission	Submitted	9/25/2019 13:52:28		PRX-DR-2019-0000696	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne	
3309	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	ES 350	
3310	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA AWD	
3311	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD	
3312	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK XSE	
3313	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 250h	
3314	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 250h AWD	
3315	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVALON XLE	
3316	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
3317	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4	
3318	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350L	
3319	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350	
3320	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA	
3321	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD	
3322	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	
3323	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo	4L
3324	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S Executive	2.9L
3325	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S	2.9L
3326	BMW	BMX	New Submission	Submitted	10/22/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 SWB xDrive	
3327	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVALON HYBRID	
3328	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	ES 300h	
3329	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 300 AWD	
3330	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4	
3331	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD LE	
3332	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	SIENNA	
3333	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 15:17:02		VGA-DR-2019-0000814	Defect Report	DR - On-Board Diagnostic (OBD) System	Bentley	Bentleya	
3334	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4 AWD	
3335	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD LE	
3336	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	COROLLA HATCHBACK XSE	

	M	N	O	P
3305		GJLXT03.0GTR	2016	Electrical Wiring, Sensor, and Actuator Systems
3306		GVGAV04.0NUA	2016	Electrical Wiring, Sensor, and Actuator Systems
3307		HVGAV04.0NUA	2017	Electrical Wiring, Sensor, and Actuator Systems
3308		KPRXT03.0CV6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3309		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3310		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3311		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3312		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3313		KTYXV02.0N4C	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3314		KTYXV02.0N4C	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3315		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3316		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3317		KTYXT02.5N4H	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3318		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3319		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3320		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3321		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3322		EBMXV03.0K57	2014	Exhaust Gas Recirculation (EGR) System
3323 Automatic		JPRXV04.0PV8	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3324 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3325 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3326		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3327		KTYXV02.5P33	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3328		KTYXV02.5P33	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3329		KTYXV03.5M5A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3330		KTYXT02.5N4H	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3331		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3332		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3333		LVGAT04.0PAA	2020	On-Board Diagnostic (OBD) System
3334		KTYXT02.5N4H	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3335		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3336		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	M	N	O	P
3337		KTYXV02.0N4C	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3338		KTYXV02.0N5A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3339		KTYXT02.5N4H	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3340		GMBXV02.0U2A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3341		CHXV01.8VC2	2012	On-Board Diagnostic (OBD) System
3342		LHYXV02.0BES	2020	Computer Related (Other than On-Board Diagnostic (OBD) System)
3343		JVGAI03.0N7F	2018	Emission Control Information Label
3344		DTYXT04.0BEM	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3345		CTYXT04.0BEM	2012	On-Board Diagnostic (OBD) System
3346		CTYXT04.0BEM	2012	On-Board Diagnostic (OBD) System
3347		ETYXT04.0BEM	2014	On-Board Diagnostic (OBD) System
3348		DTYXT04.0BEM	2013	On-Board Diagnostic (OBD) System
3349		ETYXT04.0BEM	2014	On-Board Diagnostic (OBD) System
3350		JTYXV01.8N4E8	2018	Emission Control Information Label
3351		JTYXV02.0K6A	2018	Emission Control Information Label
3352		JTYXT02.7MSP	2018	Emission Control Information Label
3353		JTYXV05.0M5A	2018	Emission Control Information Label
3354		JTYXV05.5B6C	2018	Emission Control Information Label
3355		JTYXT04.6B6W	2018	Emission Control Information Label
3356		JTYXT05.7M5W	2018	Emission Control Information Label
3357		JTYXT03.5P34	2018	Emission Control Information Label
3358		JTYXT05.7M5W	2018	Emission Control Information Label
3359		JTYXT03.5M5N	2018	Emission Control Information Label
3360		JCRXT02.45P3	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3361		HNSXV02.0NJA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3362		HNSXV02.0NJA	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3363		HNSXV02.0NJA	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3364		DMBXT03.0HD1	2013	Electrical Wiring, Sensor, and Actuator Systems
3365		JVXVI02.0A70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3366		JVXVI02.0A70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3367		HVVXT02.0U3T	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3368		JVXVI02.0B70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3369		JVXVI02.0B70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3370		HVVXT02.0P3T	2017	Hybrid Vehicle System
3371		GBMXV00.6I3R	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3372		HMBXT02.0U2A	2017	On-Board Diagnostic (OBD) System
3373		JMBXT02.0U2A	2018	On-Board Diagnostic (OBD) System
3374		FBMXT04.4F15	2015	Crankcase Ventilation System
3375		JGMXV03.6166	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3376		JGMXT05.5382	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3377		CMBXT03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
3378		JMBXI03.0U2A	2018	On-Board Diagnostic (OBD) System
3379		GMBXI02.0U2C	2016	On-Board Diagnostic (OBD) System
3380		GMBXI02.0U2A	2016	On-Board Diagnostic (OBD) System
3381		FMBXV05.5U2A	2015	On-Board Diagnostic (OBD) System
3382		FMBXI02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
3383	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3384	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3385	Audi	ADX	New Submission	Submitted	5/11/2018 10:06:46		ADX-DR-2018-0000124	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R8	
3386	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/11/2018 13:52:51		VGA-DR-2018-0000126	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A3 e-tron	
3387	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/1/2018 15:51:21		VGA-DR-2018-0000173	Defect Report	DR - Emission Control Information Label	Volkswagen	Golf SportWagen	
3388	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Acura	ILX	1.5
3389	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	CIVIC	1.8
3390	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	ACCORD	3.5
3391	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	CIVIC SDr	1.5
3392	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	CIVIC 4Dr	1.5
3393	Kia Motors Corporation	KMX	New Submission	Superseded	6/7/2018 15:30:51	9/19/2018 15:24:13	KMX-DR-2018-0000167	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
3394	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	6/15/2018 13:57:03	6/15/2018 15:38:42	HNX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
3395	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	6/15/2018 13:57:03	6/15/2018 15:38:42	HNX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
3396	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	6/15/2018 13:57:03	6/15/2018 15:38:42	HNX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
3397	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	BEEtLE	

	M	N	O	P
3383		FMBXT02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
3384		FMBXJ02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
3385		EAD XV05.2LR8	2014	On-Board Diagnostic (OBD) System
3386		GVGAV01.4V38	2016	On-Board Diagnostic (OBD) System
3387		JVGAV02.0APA	2018	Emission Control Information Label
3388 CVT		DHN XV01.5YD2	2013	Emission Control Information Label
3389		DHN XV01.8YC2	2013	Emission Control Information Label
3390		DHN XV03.5GB4	2013	Emission Control Information Label
3391 CVT		HHN XV01.5562	2017	Emission Control Information Label
3392 CVT		HHN XV01.5562	2017	Emission Control Information Label
3393		EKM XV01.64DE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3394		EHN XV02.46C3	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3395		DHN XV02.4NC3	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3396		FHN XV02.43K3	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3397		DVW XV02.03PA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
3398	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	Jetta	
3399	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	BETLE	
3400	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	Jetta	
3401	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/15/2018 15:38:42		HNX-DR-2018-0000202	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	ACCORD	
3402	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/15/2018 16:00:22		HNX-DR-2018-0000203	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	Clarity	
3403	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
3404	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB	
3405	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	FIAT	500X AWD	2.4L
3406	Land Rover	LRX	New Submission	Submitted	6/4/2018 16:26:23		LRX-DR-2018-0000178	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Land Rover	LR2	
3407	General Motors LLC	GMX	New Submission	Submitted	6/4/2018 16:43:05		GMX-DR-2018-0000174	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Chevrolet	EQUINOX	
3408	BMW	BMX	New Submission	Submitted	7/2/2018 2:57:56		BMX-DR-2018-0000243	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
3409	Porsche AG	PRX	New Submission	Submitted	6/21/2018 14:02:47		PRX-DR-2018-0000229	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster	2.0
3410	BMW	BMX	New Submission	Superseded	6/26/2018 8:52:35	6/29/2018 2:48:38	BMX-DR-2018-0000241	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	

	M	N	O	P
3398		EVWXV02.0B5F	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3399		EVWXV02.0B5F	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3400		EVWXV02.03PA	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3401		EHXV02.46C3	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3402		JHNV01.5DL2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3403		EJLXT05.0002	2014	Catalyst System
3404		EBMXV04.4K63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3405		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3406		DLRXT02.0001	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3407		JGMXT02.0100	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3408		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3409	Automatic and Manual	HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
3410		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	G	R	S	T	U	
	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPFA)</p> <p>06K906070T V9345 (MY13-14 Jetta, CPLA)</p> <p>06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA)</p> <p>06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA)</p> <p>06K906070F V9360 (MY14 Jetta, CPFA)</p> <p>06K906070D V9361 (MY14 Jetta, CPKA)</p> <p>06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA)</p> <p>06K906070J V9364 (MY14 Passat, CPFA)</p> <p>06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18</p> <p>FF_DV2.03PA_10_18</p> <p>FF_EV2.085F_13_18</p> <p>FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor:</p> <p>Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor.</p> <p>Solutions:</p> <p>(1) Correct the target lambda value for specific blocks within the fuel calibration map.</p> <p>(2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to.</p> <p>-Suction Tube Model:</p> <p>Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers.</p> <p>Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function</p>				46035	46035
3398	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPFA)</p> <p>06K906070T V9345 (MY13-14 Jetta, CPLA)</p> <p>06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA)</p> <p>06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA)</p> <p>06K906070F V9360 (MY14 Jetta, CPFA)</p> <p>06K906070D V9361 (MY14 Jetta, CPKA)</p> <p>06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA)</p> <p>06K906070J V9364 (MY14 Passat, CPFA)</p> <p>06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18</p> <p>FF_DV2.03PA_10_18</p> <p>FF_EV2.085F_13_18</p> <p>FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor:</p> <p>Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor.</p> <p>Solutions:</p> <p>(1) Correct the target lambda value for specific blocks within the fuel calibration map.</p> <p>(2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to.</p> <p>-Suction Tube Model:</p> <p>Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers.</p> <p>Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function</p>				46035	46035
3399	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPFA)</p> <p>06K906070T V9345 (MY13-14 Jetta, CPLA)</p> <p>06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA)</p> <p>06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA)</p> <p>06K906070F V9360 (MY14 Jetta, CPFA)</p> <p>06K906070D V9361 (MY14 Jetta, CPKA)</p> <p>06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA)</p> <p>06K906070J V9364 (MY14 Passat, CPFA)</p> <p>06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18</p> <p>FF_DV2.03PA_10_18</p> <p>FF_EV2.085F_13_18</p> <p>FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor:</p> <p>Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor.</p> <p>Solutions:</p> <p>(1) Correct the target lambda value for specific blocks within the fuel calibration map.</p> <p>(2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to.</p> <p>-Suction Tube Model:</p> <p>Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers.</p> <p>Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function</p>				46035	46035
3400	<p>Due to inappropriate calibration of the PCM, when a large amount of contamination adheres to the throttle body bore, the throttle valve may become stuck at the full closed position and the vehicle won't start. The MIL illuminates P2101 for "Throttle Actuator System Malfunction".</p>	8/16/2013	8/13/2014	119248	119248	
3401	<p>Due to inappropriate programming of the PCM for the Electric Variable Valve Timing Control (EVTC) actuator control, the EVTC control mode may unnecessarily fluctuate under certain conditions. The OBD system may falsely detect a malfunction of P100C for "EVTC actuator rotation signal malfunction".</p>	9/18/2017		11091	55	
3402						
3403	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction.</p> <p>The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTC's), relevant to the post-catalyst heated oxygen sensor, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			6737	34	
3404	<p>The part number 13537645956 relates to the component injection valve. Analysis have shown, that the component has been replaced in about 65% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles can pass through the filter and reach the injection valve. This can lead to a malfunction of the injection valve.</p>	2/28/2013	6/29/2014	15264	3588	
3405	<p>Some 2018 MY Jeep® Renegade and Jeep® Cherokee equipped with a 2.4L engine (sales code ED6 or ED8), Fiat 500X equipped with a 2.4L engine (sales code ED8), and Jeep® Compass equipped with a 2.4L engine (sales code ED6, ED8, or EDE) vehicles may experience a Malfunction Indicator Lamp (MIL) illumination, P2226 baromet</p>	12/15/2017	3/7/2018	1652	16	
3406	<p>The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Codes (DTC) flagging a problem with the Valve-Fuel Vapor Purge. 98% of the parts investigated were no-fault-found. The remaining 2% of the parts investigated had failed due to cracking of the valve as a result of extreme vehicle driving maneuvers causing stress on the valve. 95 of the 98% of the no-fault</p>			18067	108	
3407	<p>The joint that connects the high-pressure fuel pump's outer housing to the pump's flange may not have been properly welded by the supplier during the manufacturing process. Over time, the weld could crack, potentially separating the high-pressure fuel pump from the flange and allowing the pump to oscillate inside the engine compartment. If this occurs, the pump's movement could</p>			375	0	
3408	<p>The affected part number 13328572515 relates to the FUEL FILTER W/ HEATER.</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-Q267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL FILTER W/ HEATER is/was working properly and has/had no malfunction.</p>	7/31/2014	6/30/2015	7396	957	
3409	<p>Post catalyst oxygen sensors (part number 9A260618300) are being replaced in the field for MIL illumination and fault code P0137 stored in the Engine ECU.</p> <p>Analysis showed polluted oxygen sensors. Residues of soot lead to a negative voltage potential triggering the short to ground diagnosis.</p>	3/17/2016	3/17/2017	5597	86	
3410	<p>The affected part number 13537800601 relates to the Pressure Accumulator (Fuel Rail).</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-Q267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component pressure accumulator (fuel rail) is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	1483	153	

	A	B	C	D	E	F	G	H	I	J	K	L
3411	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4	3.4L
3412	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4S	3.8L
3413	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo	3.8L
3414	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera S Cabriolet	3.8L
3415	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera GTS	3.8L
3416	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 AWD	
3417	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 PWD	
3418	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 PWD	

	M	N	O	P
3411	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3412	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3413	Automatic.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3414	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3415	Automatic and Manual.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3416		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3417		FVVXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3418		FVVXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>3411 Wax element defective.</p>	6/4/2013	5/20/2014	10574	60
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>3412 Wax element defective.</p>			9799	36
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>3413 Wax element defective.</p>	6/4/2013	5/20/2014	10574	60
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>3414 Wax element defective.</p>			9799	36
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>3415 Wax element defective.</p>			9799	36
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>3416</p>			33971	33971
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>3417</p>			8211	8211
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>3418</p>			8211	8211

	A	B	C	D	E	F	G	H	I	J	K	L
3419	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 AWD	
3420	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
3421	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
3422	Porsche AG	PRX	New Submission	Submitted	6/25/2018 11:14:13		PRX-DR-2018-0000234	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Targa 4 GTS	3.0 l
3423	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4 GTS	3.8L
3424	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4	3.4L
3425	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Targa 4	3.4L
3426	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Boxster	2.7L

	M	N	O	P
3419		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3420		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3421		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3422 Automatic and Manual.		HPRXV03.0C91	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3423 Automatic and Manual.		FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3424 Automatic and Manual.		FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3425 Automatic and Manual.		EPRXV03.8C91	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3426 Automatic and Manual.		EPRXV02.7B81	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
3419	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33971	33971
3420	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8211	8211
3421	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
3422	<p>Tank vent lines (part numbers 9A211009501 and 7P5906051) are being replaced in the field for faults P24D6 and P04F0 stored in the Engine ECU.</p> <p>Analysis revealed a stuck membrane of the check valve can result in a low atmospheric pressure. The combination of remaining low pressure in the tank vent lines this can lead to the diagnostic trouble codes.</p>	1/11/2016	3/24/2017	8292	99
3423	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
3424	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
3425	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			10574	96
3426	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>	2/14/2013	5/1/2014	5119	78

	A	B	C	D	E	F	G	H	I	J	K	L
3427	BMW	BMX	Correction	Submitted	6/29/2018 2:43:33		BMX-DR-2018-0000240	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
3428	BMW	BMX	Correction	Submitted	6/29/2018 2:48:38		BMX-DR-2018-0000241	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
3429	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Targa 4S	3.8L
3430	Hyundai Motor Company	HYX	New Submission	Superseded	7/12/2018 16:29:58	10/5/2018 10:30:39	HYX-DR-2018-0000292	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	SONATA HYBRID	
3431	Hyundai Motor Company	HYX	New Submission	Superseded	7/12/2018 16:29:58	10/5/2018 10:30:39	HYX-DR-2018-0000292	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	SONATA HYBRID LIMITED	
3432	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB xDrive	
3433	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible	
3434	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB	

	M	N	O	P
3427		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3428		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3429	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3430		DHYXV02.4AHN	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3431		DHYXV02.4AHN	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3432		DBMXV04.4N63	2013	Crankcase Ventilation System
3433		DBMXV04.4N63	2013	Crankcase Ventilation System
3434		DBMXV04.4N63	2013	Crankcase Ventilation System

	Q	R	S	T	U
	<p>The affected part number 13537805423 relates to the Pressure Accumulator (Fuel Rail). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMX103.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mi). Please see corresponding EDIR-OF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component pressure accumulator (fuel rail) is/was working properly and has/had no malfunction.</p>	7/31/2014	6/30/2015	7396	1031
	<p>The affected part number 13537800601 relates to the Pressure Accumulator (Fuel Rail). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mi). Please see corresponding EDIR-OF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component pressure accumulator (fuel rail) is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	3695	381
	<p>? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381(Bank1) / P1382(Bank2); comparison of closed loop regulator differences between cylinder banks during small and large lift) is set.</p> <p>? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.</p> <p>3430 Some 2013 model year Optima (HEV) equipped with 2.4 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating an evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to the cumulated s</p> <p>3431 Some 2013 model year Optima (HEV) equipped with 2.4 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating an evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to the cumulated s</p>	6/6/2013	5/27/2014	10574	47
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400

	A	B	C	D	E	F	G	H	I	J	K	L
3435	BMW	BMX	New Submission	Submitted	7/9/2018 4:56:59		BMX-DR-2018-0000281	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	540d xDrive	
3436	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 2WD	
3437	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
3438	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i xDrive Gran Turismo	
3439	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i xDrive Coupe	
3440	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i xDrive Convertible	
3441	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S COUNTRYMAN	
3442	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i Gran Coupe	
3443	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X1 xDrive28i	

	M	N	O	P
3435		JBMXV03.0857	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3436		HTYXU3.5M5N	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3437		HTYXV03.5M5A	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3438		JBMXU02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3439		JBMXU02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3440		JBMXU02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3441		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3442		KBMXV03.0858	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3443		JBMXV02.0B46	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
3444	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i Convertible	
3445	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	540i xDrive	
3446	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X3 xDrive28d	
3447	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
3448	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Coupe	
3449	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB xDrive	

	M	N	O	P
3444		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3445		JBMXJ03.0B5X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3446		FBMXT02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3447		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3448		DBMXV04.4N63	2013	Crankcase Ventilation System
3449		DBMXV04.4N63	2013	Crankcase Ventilation System

	A	B	C	D	E	F	G	H	I	J	K	L
3450	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750i	
3451	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible xDrive	
3452	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i	
3453	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750Li	
3454	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Convertible	
3455	Hyundai Motor Company	HYX	Correction	Superseded	7/5/2018 17:04:33	10/9/2018 10:26:38	HYX-DR-2018-0000170	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Veloster	
3456	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	124 Spider	

	M	N	O	P
3450		DBMXV04.4N63	2013	Crankcase Ventilation System
3451		DBMXV04.4N63	2013	Crankcase Ventilation System
3452		EBMXV04.4N63	2014	Crankcase Ventilation System
3453		EBMXV04.4N63	2014	Crankcase Ventilation System
3454		EBMXV04.4N63	2014	Crankcase Ventilation System
3455		FHYXV01.61CE	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3456		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>Complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	6/30/2012	5/31/2013	39763	2400
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>Complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	6/30/2012	5/31/2013	39763	2400
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>Complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>Complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>Complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
	<p>Some 2012-2017 model year Hyundai Accent 1.6L and Veloster 1.6L/ turbo vehicles have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0455. According to the investigation the main cause for this occurrence is a stuck open CCV(Canister Close Valve). The design of air drain case which is a part of filler neck causes the problem if it rains heavily</p>			8467	0
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (78A7?), Jeep Renegade (78U7?), FIAT 500 (7FF?), FIAT 500X (7F8?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p>				
	<p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061

	A	B	C	D	E	F	G	H	I	J	K	L
3457	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500	
3458	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500L	
3459	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	
3460	Porsche AG	PRX	New Submission	Submitted	7/17/2018 15:34:21		PRX-DR-2018-0000307	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera S E-Hybrid	3.0L
3461	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 10:44:58		GMX-DR-2018-0000183	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	VOLT	
3462	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	MALIBU	
3463	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	CANYON 4WD	
3464	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	CAMARO	
3465	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA SR	2.5
3466	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
3467	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA FE+	1.8
3468	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5

	M	N	O	P
3457		HCRXV01.45P1	2017	On-Board Diagnostic (OBD) System
3458		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
3459		JCRXJ01.45P0	2018	On-Board Diagnostic (OBD) System
3460	Automatic	EPRXV03.0PHD	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3461		DGMXV01.4011	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3462		JGMXV01.8050	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3463		JGMXT02.5200	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3464		JGMXV02.0031	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3465		GNSXV02.5G5A	2016	On-Board Diagnostic (OBD) System
3466		HNSXV01.8M1A	2017	On-Board Diagnostic (OBD) System
3467		GNSXV01.8G1A	2016	On-Board Diagnostic (OBD) System
3468		ENSXV02.5G5A	2014	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>				
3457				916	916
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			3204	3204
3460	Diagnostic Modules for tank leak detection (DM-TL), part number 97020127601, are being replaced in the field for illuminating the MIL. Faults P049600 and P0441 are most frequently stored.	10/1/2013	5/26/2014	755	45
3461	General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2013 model-year Chevrolet Volt vehicles that received a Hybrid Powertrain Control Module 2 software update in a service procedure performed by a dealer. An error in the software update may prevent the batteries in these vehicles from balancing the voltage among individual battery cells.			11328	1081
3462	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			1	1
3463	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			22	22
3464	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			29	29
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			8550	0
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			271	0
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			6378	0
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			8392	0

	A	B	C	D	E	F	G	H	I	J	K	L
3469	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
3470	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	1.6
3471	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA SR	2.5
3472	Porsche AG	PRX	New Submission	Submitted	7/18/2018 10:43:11		PRX-DR-2018-0000313	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	Panamera	3.6L
3473	Toyota Motor Corporation	TYX	New Submission	Superseded	7/18/2018 14:20:38	8/21/2018 10:45:00	TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350/IS 350C	
3474	Porsche AG	PRX	New Submission	Submitted	7/19/2018 11:43:52		PRX-DR-2018-0000319	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 GT3	3.8L
3475	FCA US LLC	CRX	New Submission	Submitted	7/27/2018 13:25:17		CRX-DR-2018-0000355	Defect Report	DR - Diesel Particulate Filter System			
3476	Audi	ADX	New Submission	Submitted	8/3/2018 13:33:00		ADX-DR-2018-0000376	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	S8	
3477	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3478	Ford Motor Company	FMX	New Submission	Superseded	8/6/2018 15:54:47	5/31/2019 15:03:14	FMX-DR-2018-0000274	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3479	Audi	ADX	New Submission	Submitted	8/7/2018 8:23:57		ADX-DR-2018-0000391	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	

	M	N	O	P
3469		DNSXV01.8818	2013	On-Board Diagnostic (OBD) System
3470		GNSXV01.6G4A	2016	On-Board Diagnostic (OBD) System
3471		HNSXV02.5R5A	2017	On-Board Diagnostic (OBD) System
3472 Automatic		EPRXV03.6PBD	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3473		DTYXV03.5BEB	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3474 Automatic		EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
3475		GCRXT03.0SPV	2016	Diesel Particulate Filter System
3476		EADXV04.03UJ	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3477		DMBXT03.0HD1	2013	Electrical Wiring, Sensor, and Actuator Systems
3478		EFMXV01.5VZ1	2014	Electrical Wiring, Sensor, and Actuator Systems
3479		DADXT03.03UG	2013	Selective Catalytic Reduction System

	Q	R	S	T	U
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
3469	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			1019	35
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
3470	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			7645	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
3471	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			8768	0
3472	Oil line restrictors are being replaced in the field for MIL illumination. Fault codes most frequently stored are P1372 for valve lift and P000A, P000C camshaft slow response for bank 1 and bank 2, respectively.			3174	42
	The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.			1403	1403
3473					
	Coolant temperature sensors (part#s 94860642000, 94860642001) are being replaced in the field for illuminating the MIL. Fault P2181 and/or P3081 are usually stored.				
3474	The thermostat, part number 9A310622502, is also replaced (see EDIR B2) on the same repair in many cases and analysis shows that the sensor is not defective.	11/20/2013	9/8/2014	10574	35
	Some 2014-2016 MY Jeep® Grand Cherokee and RAM 1500 vehicles equipped with a 3.0L diesel engine are experiencing DOC/DPF replacements. The Malfunction Indicator Lamp (MIL) illuminates. The majority of the diagnostic trouble codes on the vehicle at the time of part replacement were P2463 (DPF soot accumulation) and P2002 (DPF efficiency below threshold). P1D30 (oil viscosity) and P0420 (catalyst efficiency-bank 1) were present to a lesser extent.				
	FCA US LLC engineering reviewed 2014-2016 model year U.S. market claims for DOC/DPF replacement to assess causal factors on a larger population to ensure statistical significance. Of those, 27% had no related diagnostic trouble codes (DTC??) or information to determine why the DOC/DPF was replaced. The remaining claims revealed the following:				
	-13% of DOC/DPF assemblies were replaced due to damage to the mounting studs (broken/stripped) when attempting to replace the SCR catalyst or repair an exhaust leak at the bolted joint. There was no indication of a DTC or other issue with the DOC/DPF.				
	-57% of the DOC/DPF assemblies were replaced due to the presence of DTC P2463 or P2002. Most of the claims has a service regeneration attempted and failed prior to part replacement. In May 2018, FCA revised the WiTech service tool software to ensure that the Technician would correct any existing DTCs that would prevent the service regeneration from running properly. Since the WiTech software update, 77% of the vehicles were confirmed repaired with the service regeneration and did not require a DOC/DPF replacement.				
	Based on this analysis it likely that 87% of the DOC/DPF replacements had issues with effectiveness DOC/DPF catalyst. The majority of the claims are associated with the level of soot present on the catalyst for which the attempt at a service regeneration was not effective.			32073	428
3475					
	Customer Complaint: Fuel smell Component: Fuel Line Production Part Number: 079133986A8 Replacement Part Number: 079133986AF				
3476	Analysis: Over time, the fuel supply line for the high pressure fuel pump may become porous, resulting in a fuel smell or a fuel leak.			2337	2337
3477	DAC has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			11527	925
3478	Some 2014 MY 1.5L Fusion gasoline turbocharged direct injection (GTDI) vehicles were built with a catalyst monitor sensor (CMS) that may experience internal damage, which can result in MIL illumination.			21602	1657
	Customer Complaint: MIL on Component: Reductive Agent Supply Module Part Number: 4L0131199M Part analysis reflexes part number: 4L0131899M Possible DTCs found: P20FE Reductant Metering Unit Performance The SCR module is being replaced consequentially due to a false MIL condition resulting from high temperatures / diagnostic thresholds. The Approved Emissions Modification added this OBD diagnostic feature for SCR delivery performance as part of the master series software.				
3479	Audi is currently working to determine a technical solution for the OBD monitor and will release a future updated calibration.			3673	219

	A	B	C	D	E	F	G	H	I	J	K	L
3430	BMW	BMX	New Submission	Submitted	8/8/2018 4:12:18		BMX-DR-2018-0000379	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
3431	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	750i	
3432	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	550i xDrive Gran Turismo	
3433	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	750Li xDrive	
3434	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	650i xDrive Convertible	
3435	Mercedes Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
3436	Mercedes Benz	MBX	New Submission	Submitted	8/13/2018 4:02:18		MBX-DR-2018-0000405	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
3437	Audi	ADX	New Submission	Submitted	8/13/2018 11:13:53		ADX-DR-2018-0000408	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	Touareg	
3438	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h AWD	
3439	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350	
3439	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 6:58:39		MBX-DR-2018-0000400	Defect Report	DR - Catalyst System			

	M	N	O	P
3480		FBNXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3481		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
3482		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
3483		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
3484		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
3485		AMBXT03.0HD1	2010	Exhaust System (Other than EGR and Catalyst Systems)
3486		GMBXV05.5UZA	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3487		DADXT03.02UG	2013	Exhaust Gas Recirculation (EGR) System
3488		GTYXT03.5PC4	2016	Heating, Ventilation, and Air Conditioning (HVAC) System
3489		HTYXT03.5M5M	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
3490		JMBXV04.0UZA	2016	Catalyst System

	Q	R	S	T	U
3480	The affected part number 16117324296 relates to the DELIVERY UNIT W/IN-TANK FUEL PUMP RIGHT. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMT03.0N3.	7/31/2014	6/30/2015	7396	920
3481	The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions: a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk) b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.	2/28/2013	5/31/2014	15275	1833
3482	The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions: a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk) b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.	2/28/2013	5/31/2014	15275	1833
3483	The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions: a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk) b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.	2/28/2013	5/31/2014	15275	1833
3484	The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions: a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk) b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.	2/28/2013	5/31/2014	15275	1833
3485	DAG has determined that the diesel particulate filter may crack due to an insufficiently robust welded connection. Specific environmental influences in the form of corrosion could also have a negative effect on the long term durability of the diesel particulate filter. This can lead to tensions within the exhaust system and thus also may cause the diesel particulate filter to crack. In addition, in individual cases, it may be that during repairs to the exhaust system that are unrelated to a defect of the diesel particulate filter, the exhaust system was not replaced in accordance with the DAG specifications. Specifically, the issue might arise where it is necessary for the workshop to replace the exhaust system (including the diesel particulate filter) and the replacement system is not fitted according to DAG specifications. This can lead to tensions within the exhaust system and thus may also cause the diesel particulate filter to crack. In both cases, a fault is stored in the engine control unit software and the engine diagnostics warning lamp (MIL) is activated.			6063	552
3486	DAG has determined that an adhesive O-ring in the purge valve can lead to delayed opening of the valve. In this case the OBD-system reacts as intended, the MIL is activated and the stored fault code pinpoints the defective part correctly. In case of the failure, the required negative pressure for the tank leak diagnosis cannot be achieved in the prescribed time, which is defined by internal			1480	111
3487	Customer Complaint: MIL on Component: EGR Cooler Production Part Number: 059131515DD / DN Warranty Replacement Part Number: 059131515 FH The following DTC was observed: P245B (Exhaust Gas recirculation Cooler Bypass Control Circuit Range/Performance) Part analysis reflexes part number: 059131515DD / DN Analysis results part number 059131515DD: Cooling on the bypass valve shaft causing the valve to stick. To resolve this issue a carbon scraper ring was implemented in Production with part number 059131515DN as of cw 05/2013.			4019	196
3488	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			7482	7482
3489	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.			135158	135158
3490	Daimler AG has determined that on certain AMG GT/GTS vehicles (190 platform) with 3-cylinder gasoline engine, the software of the engine control unit may not be sufficiently robust with regard to exhaust aftertreatment. As a result, in case the defect occurs in a vehicle, NMOC + NOx emissions may be exceeded within the FTP 75	5/31/2017	5/30/2018	201	0

	A	B	C	D	E	F	G	H	I	J	K	L
3491	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
3492	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Carrera Cabriolet	3.4L
3493	Porsche AG	PRX	New Submission	Submitted	8/31/2018 9:22:28		PRX-DR-2018-0000524	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne Turbo	
3494	BMW	BMX	New Submission	Superseded	9/5/2018 8:19:03	9/10/2018 10:44:25	BMX-DR-2018-0000533	Defect Report	DR - Emission Control Information Label	BMW	M4 CS	
3495	General Motors LLC	GMX	New Submission	Submitted	9/7/2018 16:12:49		GMX-DR-2018-0000526	Defect Report	DR - On-Board Diagnostic (OBD) System	Cadillac	ATS-V	
3496	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i Convertible	
3497	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i Coupe	
3498	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER CONVERTIBLE	

	M	N	O	P
3401		ATYXV03.5BEB	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3402	Automatic and Manual.	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
3403		FPRXT04.8CTD	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3404		KBMXV03.0555	2019	Emission Control Information Label
3405	Manual transmission MG9	GGMXV03.6042	2016	On-Board Diagnostic (OBD) System
3406		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3407		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3408		KBMXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.			12978	12978
3401					
	Crankshaft Speed Sensors (Part Number 99180611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.			10578	146
3402					
	7 Tank Vent Purge Valves (part#s 94811002063, 94811002012, & 94811002013) are being replaced in the field for illuminating the MIL, prompting immediate customer action. 7 Desired pressure drop in the evaporative emissions system is not reached in the specified time limit when the purge valve is commanded closed setting DTC P0456. 7 Analyses revealed a damaged membrane of the purge valve due to fuel contamination. This leads to an incomplete closing of the valve. 7 An improved Tank Vent Purge Valve from a different manufacturer can be used.			774	29
3403					
3404	Due to a logistic failure the MY2018 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 81 MY2019 M4 CS models produced produced between July 1st and August 21th 2018. That means the MY2018 VECI label was affixed instead of the correct MY2019 VECI Label.	6/30/2018	2/27/2019	81	81
3405	The ECM does not set a DTC and does not illuminate the MIL as required when a malfunction causes the air-fuel ratio to differ among combustion cylinders. This can result in failure to illuminate the MIL when NOx emissions exceedances occur.			475	475
	Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018. Defect description: Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.	5/16/2018	6/6/2018	810	810
3406					
	Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018. Defect description: Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.	5/16/2018	6/6/2018	810	810
3407					
	Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018. Defect description: Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.	5/17/2018	6/12/2018	923	923
3408					

	A	B	C	D	E	F	G	H	I	J	K	L
3499	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i Coupe	
3500	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	530e xDrive	
3501	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S CLUBMAN	
3502	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i Coupe	
3503	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i xDrive Coupe	
3504	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i Coupe	
3505	Porsche AG	PRX	Correction	Submitted	9/12/2018 15:08:52		PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
3506	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:14:14		TYX-DR-2018-0000511	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
3507	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	SEQUOIA 4WD FFV	

	M	N	O	P
3499		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3500		JBMXV02.0H30	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3501		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3502		JBMXV03.0B2X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3503		JBMXV03.0B2X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3504		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3505	Automatic	EPRXT03.0CDD	2014	Exhaust Gas Recirculation (EGR) System
3506		FTYXV03.5BEC	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3507		HTYXT05.7X8B	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
3508	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	540i xDrive	
3509	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
3510	FCA US LLC	CRX	New Submission	Submitted	9/5/2018 15:09:54		CRX-DR-2018-0000535	Defect Report	DR - On-Board Diagnostic (OBD) System			
3511	Ford Motor Company	FMX	New Submission	Submitted	9/14/2018 8:41:21		FMX-DR-2018-0000518	Defect Report	DR - Crankcase Ventilation System	Jeep	Grand Cherokee 4x2	
3512	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	1.5L
3513	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3514	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3515	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3516	FCA US LLC	CRX	New Submission	Submitted	9/20/2018 16:01:48		CRX-DR-2018-0000592	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
3517	FCA US LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4x4	
3518	Porsche AG	PRX	New Submission	Superseded	10/3/2018 10:11:36	10/3/2018 12:56:43	PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera 4 Executive	3.0L
3519	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
3520	Hyundai Motor Company	HYX	Correction	Superseded	10/4/2018 14:45:55	10/4/2018 14:56:16	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 AWD	3.3L Twin Turbo Genesis G90
3521	Hyundai Motor Company	HYX	Correction	Superseded	10/4/2018 14:45:55	10/4/2018 14:56:16	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G80 RWD	
3522	Hyundai Motor Company	HYX	Correction	Submitted	10/5/2018 16:27:27		HYX-DR-2018-0000131	Defect Report	DR - Catalyst System	HYUNDAI	GENESIS	
3523	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 12:58:52	10/3/2018 13:03:30	KMX-DR-2018-0000517	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
3524	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:53:37	5/22/2019 15:51:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Sorento FWD	
3525	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/11/2018 11:21:22		NSX-DR-2018-0000621	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
3508		JBMX03.0B5X	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3509		JBMX04.4N63	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3510		ECRX03.65FA	2014	On-Board Diagnostic (OBD) System
3511		HFMX01.52GA	2017	Crankcase Ventilation System
3512		HHXV01.5XH2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3513		HCRX03.65P1	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3514		JCRX02.45P2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3515		JCRX03.65PB	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3516		ECRX03.0SPV	2014	Air Inlet System (Including Turbo and Superchargers)
3517		KCRX03.65P7	2019	On-Board Diagnostic (OBD) System
3518	Automatic.	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
3519	CVT	GHXV01.53H2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3520		HHYXV03.31MF	2017	Catalyst System
3521		JHYXV03.31W6	2018	Catalyst System
3522		AHYXV03.8DW5	2010	Catalyst System
3523		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3524		KKMXV03.3UJ5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3525		3KSKT03.5CTB	2009	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
3526	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB	
3527	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 SWB	
3528	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i xDrive Gran Turismo	
3529	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Convertible	
3530	Hyundai Motor Company	HYX	New Submission	Submitted	10/12/2018 16:10:24		HYX-DR-2018-0000631	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	HYUNDAI	Tucson Eco FWD	
3531	Mercedes Benz	MBX	New Submission	Submitted	10/30/2018 19:35:56		MBX-DR-2018-0000676	Defect Report	DR - Hybrid Vehicle System			
3532	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	BETTER CONVERTIBLE	

	M	N	O	P
3526		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3527		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3528		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3529		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3530		HHYXV01.61TF	2017	Air Inlet System (Including Turbo and Superchargers)
3531		GMBXV02.0HY1	2016	Hybrid Vehicle System
3532		DVWXV02.03PA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
3526	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP.</p> <p>Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
3527	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP.</p> <p>Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
3528	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP.</p> <p>Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
3529	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP.</p> <p>Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives.</p> <p>Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
3530	<p>Certain 2017 TUCSON vehicles equipped with a 1.6L Turbo GDI engine may experience a check engine warning light with the P0236 DTC(Boost Sensor- Range/Performance) stored in the Engine Control Module.</p> <p>According to the investigation, the barometric pressure between the ECU and BPS is different, and this causes an increased resistance in the connector terminal. Which causes the the engine warning light to illuminate.</p> <p>Hyundai will replace the wiring of the Front End Module(FEM) wiring by expanding the terminal's diameter to reduce resistance.</p>			16107	1288
3531	<p>Daimler AG has determined that in the affected vehicles a plausibility error of the temperature sensor within the power electronics could be detected erroneously, although the system works properly. In this case, the check engine warning lamp (MIL) would be activated falsely.</p>	5/31/2015	5/30/2016	475	475
3532	<p>Complaint: MIL on</p> <p>Component: Fuel Injector</p> <p>Production Part Number: 06H 906 036 G</p> <p>Replacement Part Number: 06H 906 036 P</p> <p>DTCs Present:</p> <p>P0300-P0304 (Random/Multiple Cylinder Misfire Detected)</p> <p>P130A (Hide Cylinder)</p> <p>Part Analysis reflects part number: 06H 906 036 G</p> <p>38x ? Torn filter-mesh</p> <p>22x ? Internal Leak</p> <p>7x ? Excessive carbon build-up</p> <p>5x ? Clogged spray ports</p> <p>35x- NTF</p>			32748	966

	A	B	C	D	E	F	G	H	I	J	K	L
3533	BMW	BMX	New Submission	Superseded	10/29/2018 10:10:47	10/30/2018 8:12:39	BMX-DR-2018-0000669	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
3534	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 11:49:26		NSX-DR-2018-0000664	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 4WD	
3535	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	RLX	3.5L
3536	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ODYSSEY FWD	
3537	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ODYSSEY FWD	3.5L
3538	FCA US LLC	CRX	New Submission	Submitted	11/8/2018 13:33:07		CRX-DR-2018-0000695	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3539	Kia Motors Corporation	KMX	Correction	Submitted	11/12/2018 14:26:02		KMX-DR-2018-0000710	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	KIA	OPTIMA	2.0L Turbo GDI
3540	BMW	BMX	New Submission	Superseded	10/30/2018 6:21:31	10/30/2018 8:05:05	BMX-DR-2018-0000673	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	BMW	750i	
3541	BMW	BMX	Correction	Superseded	10/30/2018 8:05:05	10/30/2018 12:06:46	BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	Alpina B7 xDrive	
3542	BMW	BMX	Correction	Superseded	10/30/2018 8:05:05	10/30/2018 12:06:46	BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	540i	
3543	BMW	BMX	Correction	Submitted	10/30/2018 8:08:50		BMX-DR-2018-0000670	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive40e	

	A	B	C	D	E	F	G	H	I	J	K	L
3544	BMW	BMX	Correction	Submitted	10/30/2018 8:12:39		BMX-DR-2018-0000669	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
3545	Audi	ADX	New Submission	Submitted	10/24/2018 13:06:30		ADX-DR-2018-0000659	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S8	
3546	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S6	
3547	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S7	
3548	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000661	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS v	
3549	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000661	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS	
3550	BMW	BMX	Correction	Submitted	10/30/2018 12:06:45		BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	S40i	
3551	Audi	ADX	New Submission	Superseded	10/30/2018 15:00:07	10/30/2018 15:26:49	ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A7 quattro	
3552	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A6 quattro	
3553	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
3554	Audi	ADX	Correction	Submitted	10/30/2018 15:26:49		ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	ABL	
3555	General Motors LLC	GMX	New Submission	Submitted	11/26/2018 13:33:11		GMX-DR-2018-0000706	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3556	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CLUBMAN	

	M	N	O	P
3544		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3545		EADXV04.03UJ	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3546		GVGAV04.0N1A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3547		GVGAV04.0N1A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3548		ETXV03.8CCU	2014	Hybrid Vehicle System
3549		CTYXV01.8HC3	2012	Hybrid Vehicle System
3550		HBMXV03.0BSX	2017	Electrical Wiring, Sensor, and Actuator Systems
3551		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
3552		FVGJAJ03.0N14	2015	Electrical Wiring, Sensor, and Actuator Systems
3553		FVGJAJ03.0N14	2015	Electrical Wiring, Sensor, and Actuator Systems
3554		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
3555		EGMXV02.5001	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3556		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
3557	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X1 sDrive28i	
3558	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X1 sDrive28i	
3559	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	MINI COOPER SE COUNTRYMAN ALL4	
3560	BMW	BMX	New Submission	Superseded	11/21/2018 3:56:55	11/21/2018 7:13:49	BMX-DR-2018-0000732	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e	
3561	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	535d	
3562	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X5 xDrive 35d	
3563	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive	

	M	N	O	P
3557		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
3558		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
3559		KBMXV01.5H60	2019	On-Board Diagnostic (OBD) System
3560		JBMXV02.0H30	2018	On-Board Diagnostic (OBD) System
3561		FBMXV03.0N57	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3562		FBMXT03.0N57	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3563		HBMXV02.0N47	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
3557	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, [permanent] DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.	6/30/2017	10/30/2018	20456	20456
3558	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, [permanent] DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.	6/30/2017	10/30/2018	20456	20456
3559	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, [permanent] DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.	2/28/2018	7/30/2018	1098	1098
3560	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (530e, 530e xDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description: In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).	2/28/2017	6/29/2018	8797	8797
3561	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017	2/28/2014	6/29/2015	1505	1505
3562	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017	7/31/2014	11/29/2015	7399	7399
3563	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: ?Coolant loss with Check-Control-Indication ?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) ?Smell of exhaust gas ?Unusual noise from the engine compartment ?Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017	6/30/2016	6/29/2017	1204	1204

	A	B	C	D	E	F	G	H	I	J	K	L
3564	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d	
3565	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	535d xDrive	
3566	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	535d	
3567	BMW	BMX	Correction	Submitted	11/21/2018 7:13:49		BMX-DR-2018-0000732	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	BMW	740e xDrive	
3568	BMW	BMX	Correction	Submitted	11/21/2018 7:13:49		BMX-DR-2018-0000732	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	BMW	330e	
3569	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	

	M	N	O	P
3564		GBMXV02.0N47	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3565		GBMXV03.0N57	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3566		GBMXV03.0N57	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3567		JBMXV02.0H48	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3568		HBMXV02.0H48	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3569		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
3564	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
3565	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	10/30/2016	1209	1209
3566	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	10/30/2016	1209	1209
3567	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description:</p> <p>In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	2/28/2017	10/29/2018	2873	2873
3568	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description:</p> <p>In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	6/30/2016	6/29/2017	3997	3997
3569	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	2/28/2014	6/29/2015	1505	1505

	A	B	C	D	E	F	G	H	I	J	K	L
3570	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	
3571	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
3572	Hyundai Motor Company	HYX	New Submission	Submitted	11/12/2018 15:52:47		HYX-DR-2018-0000712	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ionia Plug-in Hybrid	
3573	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB	
3574	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i xDrive Gran Turismo	
3575	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Convertible	
3576	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:43:40		MBX-DR-2018-0000718	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
3577	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/13/2018 13:33:59		NSX-DR-2018-0000697	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA AWD	
3578	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 5:29:16		MBX-DR-2018-0000724	Defect Report	DR - On-Board Diagnostic (OBD) System			
3579	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
3580	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
3581	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			

	M	N	O	P
3570		GBMXV03.0N57	2016	Exhaust Gas Recirculation (EGR) System
3571		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System
3572		KHYV001.6P27	2019	On-Board Diagnostic (OBD) System
3573		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3574		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3575		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3576		HMBXV04.5U2A	2017	Exhaust System (Other than EGR and Catalyst Systems)
3577		KVSV003.38PA	2019	On-Board Diagnostic (OBD) System
3578		KMBXV03.0HY4	2019	On-Board Diagnostic (OBD) System
3579		CMBXT05.5U2A	2012	Catalyst System
3580		DMBXT03.5U2B	2013	Catalyst System
3581		CMBXU03.5U2B	2012	Catalyst System

	Q	R	S	T	U
3570	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	10/30/2016	1209	1209
3571	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
3572	<p>2019 model year Hyundai IONIQ hybrid and plug in hybrid vehicles have an issue that is inappropriate display of the freeze frame data to a general scan tool.</p> <p>According to the investigation, when multiple DTCs are set including misfire or fuel system DTC, the ECU cannot display correctly the misfire or the fuel system freeze frame information after ignition off and on. The main cause is that ECU has been calibrated improperly when it comes to display freeze frame data if it occurs multiple DTCs.</p>			1239	251
3573	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17280	1037
3574	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17280	1037
3575	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17280	1037
3576	Daimler AG has determined that on certain C-Class (platform 205) and G/AGS-Class (platform 190) vehicles with 8-cylinder gasoline engines a logic error in the software may result in increased emissions over time (the exhaust system ages (more than 62,000 miles mileage)).			3398	0
3577	Shortly before the start of production for 2019 Nissan Altima (J5L) vehicles, a false MIL illumination was detected for a heater O2 sensor fault on high altitude / long drive validation testing. To address the potential for false MIL illumination, updated ECM software was created. It was prematurely loaded into the ECM programmi	8/20/2018	10/16/2018	12836	3299
3578	Daimler AG has determined that on certain E-Class (platform 213 and 238), C-Class (platform 205), CLS-Class (platform 257), G-Class (platform 463) and S-Class (platform 222, 217) vehicles, a reset in the CPC control unit could occur while driving due to a software error. In case of the described defect, fault codes of the current driving cycle might not be stored. If the reset occurs during ECO			75	0
3579	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination:</p> <p>The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated.</p> <p>In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			1343	0
3580	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination:</p> <p>The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated.</p> <p>In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			5194	0
3581	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination:</p> <p>The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated.</p> <p>In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			6335	0

	A	B	C	D	E	F	G	H	I	J	K	L
3582	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3583	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3584	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3585	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3586	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3587	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
3582		DMBXV05.SU2A	2013	On-Board Diagnostic (OBD) System
3583		HMBXT03.0U2B	2017	On-Board Diagnostic (OBD) System
3584		JMBXJ02.0U2A	2018	On-Board Diagnostic (OBD) System
3585		GMBXV02.0U2C	2016	On-Board Diagnostic (OBD) System
3586		DMBXT05.SU2A	2013	On-Board Diagnostic (OBD) System
3587		GMBXV03.0U2A	2016	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
3582	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			29872	0
3583	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			27778	0
3584	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			11205	0
3585	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			874	0
3586	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			24567	0
3587	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			19737	0

	A	B	C	D	E	F	G	H	I	J	K	L
3588	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3589	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3590	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3591	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
3592	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328Ci xDrive	
3593	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328Ci CONVERTIBLE	
3594	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328i	

	M	N	O	P
3588		GMBXJ02.0U2C	2016	On-Board Diagnostic (OBD) System
3589		GMBXT04.0U2A	2016	On-Board Diagnostic (OBD) System
3590		GMBXJ02.0U2A	2016	On-Board Diagnostic (OBD) System
3591		FMBXV03.0U2A	2015	On-Board Diagnostic (OBD) System
3592		ABMXV03.0S1R	2010	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3593		9BMXV03.0N51	2009	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3594		9BMXV03.0N51	2009	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
3588	Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			105924	0
3589	Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			1677	0
3590	Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			9378	0
3591	Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			12049	0
3592	The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).	8/31/2009	1/31/2010	19097	1184
3593	The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).	8/31/2008	7/31/2009	31604	1681
3594	The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).	8/31/2008	7/31/2009	31604	1681

	A	B	C	D	E	F	G	H	I	J	K	L
3595	BMW	BMX	New Submission	Superseded	12/5/2018 9:06:07	12/10/2018 6:27:56	BMX-DR-2018-0000755	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
3596	BMW	BMX	Correction	Submitted	12/11/2018 10:08:07		BMX-DR-2018-0000767	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Mini	Mini Cooper (5-doors)	
3597	BMW	BMX	Correction	Submitted	12/11/2018 10:08:07		BMX-DR-2018-0000767	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Mini	Mini Cooper (3-doors)	
3598	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:55:49		CRX-DR-2018-0000782	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica PHEV	
3599	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
3600	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	
3601	BMW	BMX	New Submission	Superseded	12/5/2018 9:33:52	12/10/2018 6:31:10	BMX-DR-2018-0000756	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
3602	Hyundai Motor Company	HYX	New Submission	Submitted	12/6/2018 14:29:27		HYX-DR-2018-0000759	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GENESIS	G90 RWD	

	M	N	O	P
3595		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3596		FBMXV01.5B38	2015	Air Inlet System (Including Turbo and Superchargers)
3597		FBMXV01.5B38	2015	Air Inlet System (Including Turbo and Superchargers)
3598		HCRXT03.65P0	2017	On-Board Diagnostic (OBD) System
3599		EAD XV05.2LR8	2014	On-Board Diagnostic (OBD) System
3600		CAD XV05.2LR8	2012	On-Board Diagnostic (OBD) System
3601		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3602		JHYXV05.01S5	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
3590	The affected part number 13537805423 relates to the FUEL RAIL [PRESSURE ACCUMULATOR]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please note that the corresponding FIR (equivalent to FIR F-0E-3.0-11) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL [PRESSURE ACCUMULATOR] is/was working properly and has/had no malfunction.	6/30/2015	9/30/2016	1209	359
3596	The affected part number 11658600045 relates to the turbo charger. In 45% of all cases the turbo charger has to be replaced because insufficient crankcase vacuum leads to an improper oil drain which in return disables the turbo charger. In the other 55% replacement cases no MIL has been illuminated and no corresponding fault code has been stored to verify that the component has been malfunctioning.	6/30/2014	6/29/2015	20077	488
3597	The affected part number 11658600045 relates to the turbo charger. In 45% of all cases the turbo charger has to be replaced because insufficient crankcase vacuum leads to an improper oil drain which in return disables the turbo charger. In the other 55% replacement cases no MIL has been illuminated and no corresponding fault code has been stored to verify that the component has been malfunctioning.	6/30/2014	6/29/2015	20077	488
3599	Some 2017-2018MY Chrysler Pacifica ("RU") vehicles with a 3.6L Plug-in Hybrid Engine are experiencing an OBD issue where the mode \$03 power-down DTC's are clearing on power-up events when the MIL is still illuminated. This causes a situation where the storage codes and MIL are not in sync with each other.			3325	3325
3599	Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.			158	158
3600	Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.			280	280
3601	The affected part number 16117260648 relates to the FUEL PUMP [DELIVERY MODULE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please note that the corresponding FIR (equivalent to FIR F-0E-3.0-11) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [DELIVERY MODULE] is/was working properly and has/had no malfunction.	6/30/2015	9/30/2016	1209	359
3602	Some 2017, 2018MY G90 vehicles with 5.0L GDI engine may experience the intermittent faulty start under the certain RPM conditions. According to the investigation, This unusual poor start happens to vehicles when the noise signal appears during the initial ignition on/start. Hyundai will apply noise reduction logic to the Crank Shaft Position Sensor to improve this problem.			1624	5

	A	B	C	D	E	F	G	H	I	J	K	L
3603	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 sDrive28i	
3604	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S COUNTRYMAN ALL4	
3605	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CLUBMAN	
3606	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	i8 Coupe	
3607	BMW	BMX	Correction	Submitted	12/10/2018 6:31:10		BMX-DR-2018-0000756	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S35d xDrive	
3608	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/11/2018 19:14:42		HNX-DR-2018-0000768	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	RIDGELINE FWD	
3609	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/11/2018 19:14:42		HNX-DR-2018-0000768	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT 4WD	
3610	General Motors LLC	GMX	New Submission	Submitted	12/19/2018 13:40:40		GMX-DR-2018-0000770	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
3611	General Motors LLC	GMX	New Submission	Submitted	12/19/2018 13:40:40		GMX-DR-2018-0000770	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
3612	General Motors LLC	GMX	New Submission	Submitted	12/19/2018 13:40:40		GMX-DR-2018-0000770	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
3613	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/19/2018 17:39:51	2/5/2019 12:41:50	HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD A-SPEC	
3614	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/19/2018 17:39:51	2/5/2019 12:41:50	HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD A-SPEC	
3615	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	GOLF	

	M	N	O	P
3603		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
3604		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
3605		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
3606		KBMXV01.5I8P	2019	On-Board Diagnostic (OBD) System
3607		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3608		HHNXT03.5WW4	2017	On-Board Diagnostic (OBD) System
3609		GHNV03.5VA3	2016	On-Board Diagnostic (OBD) System
3610		JGMXT05.3384	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
3611		JGMXT05.3382	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
3612		JGMXT06.2374	2018	Heating, Ventilation, and Air Conditioning (HVAC) System
3613		KHNXV03.5HH3	2019	On-Board Diagnostic (OBD) System
3614		KHNXV03.5HH3	2019	On-Board Diagnostic (OBD) System
3615		EVWXV02.5A59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
3603	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	6/30/2017	10/30/2018	21020	21020
3604	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	13748	13748
3605	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	13748	13748
3606	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	10/30/2019	532	532
3607	The affected part number 16117260648 relates to the FUEL PUMP [DELIVERY MODULE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMW03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mls). Please see corresponding EDIR-OG-N57/N47-0311. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [DELIVERY MODULE] is/was working properly and has/had no malfunction.	6/30/2015	9/30/2016	1209	359
3608	The evaporative canister filter may become blocked by the combination of accumulated dirt and snow if driven in an extremely dirty environment. The MIL may illuminate for P2422 "Evaporative Emission (EVAP) System Vent Shut Valve Close Malfunction".	4/25/2016	7/26/2017	49524	47
3609	The evaporative canister filter may become blocked by the combination of accumulated dirt and snow if driven in an extremely dirty environment. The MIL may illuminate for P2422 "Evaporative Emission (EVAP) System Vent Shut Valve Close Malfunction".	2/2/2015	11/7/2016	186059	65
3610	In certain vehicles a refrigerant leak may occur at the receiver/hydrator plug on the air conditioning system condenser. Certain vehicles have been identified with an o-ring seal on this plug that is not within dimensional specifications and may not properly seal at low ambient temperatures.			271353	1234
3611	In certain vehicles a refrigerant leak may occur at the receiver/hydrator plug on the air conditioning system condenser. Certain vehicles have been identified with an o-ring seal on this plug that is not within dimensional specifications and may not properly seal at low ambient temperatures.			37331	212
3612	In certain vehicles a refrigerant leak may occur at the receiver/hydrator plug on the air conditioning system condenser. Certain vehicles have been identified with an o-ring seal on this plug that is not within dimensional specifications and may not properly seal at low ambient temperatures.			39471	272
3613	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	4/2/2018		15812	1
3614	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	4/2/2018		15812	1
3615	ComplaintMIL on DTCs PresentP0442 - GWP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected ? fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis 06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found			24825	359

	A	B	C	D	E	F	G	H	I	J	K	L
3616	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta	
3617	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BETTLE CONVERTIBLE	
3618	Toyota Motor Corporation	TYX	New Submission	Submitted	1/28/2019 12:33:22		TYX-DR-2019-0000001	Defect Report	DR - Drivetrain/Transmission System	TOYOTA	COROLLA HATCHBACK MANUAL	
3619	Ford Motor Company	FMX	New Submission	Submitted	1/28/2019 12:40:28		FMX-DR-2019-0000002	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3620	Volkswagen	VWX	New Submission	Submitted	12/21/2018 10:11:10		VWX-DR-2018-0000802	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	CC	
3621	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Passat	
3622	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Passat	
3623	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta Hybrid	

	M	N	O	P
3616		DVWXV02.5M59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3617		DVWXV02.5M59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3618		KTYXV02.0N48	2019	Drivetrain/Transmission System
3619		JFMXT02.32EX	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3620		DVWXV02.03FA	2013	Air Inlet System (including Turbo and Superchargers)
3621		FVGAV03.6VUG	2015	Drivetrain/Transmission System
3622		GVGAV03.6VUG	2016	Drivetrain/Transmission System
3623		GVGAV01.4VPA	2016	Drivetrain/Transmission System

	G	R	S	T	U	
	<div>ComplaintMIL on</div> <div>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</div> <div>P0441 - EVAP Incorrect Purge Flow</div> <div>P0457 - EVAP Leak Detected ? fuel cap loose/off</div> <div>ComponentEVAP Purge Valve</div> <div>Part Number - Production06E906517A</div> <div>Part Number - Replacement 06E906517A</div> <div>Part Number - Analysis06E906517A</div> <div>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</div> <div>Parts analysis results:</div> <div>56x Leakage (32.2%)</div> <div>55x Very small leakage (30.7%)</div> <div>11x Incorrect purge flow (6.1%)</div> <div>6x Torn Seal (3.4%)</div> <div>1x Contaminated by fuel (0.6%)</div> <div>27x No trouble found</div>				6133	156
3617	<div>ComplaintMIL on</div> <div>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</div> <div>P0441 - EVAP Incorrect Purge Flow</div> <div>P0457 - EVAP Leak Detected ? fuel cap loose/off</div> <div>ComponentEVAP Purge Valve</div> <div>Part Number - Production06E906517A</div> <div>Part Number - Replacement 06E906517A</div> <div>Part Number - Analysis06E906517A</div> <div>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</div> <div>Parts analysis results:</div> <div>56x Leakage (32.2%)</div> <div>55x Very small leakage (30.7%)</div> <div>11x Incorrect purge flow (6.1%)</div> <div>6x Torn Seal (3.4%)</div> <div>1x Contaminated by fuel (0.6%)</div> <div>27x No trouble found</div>				6133	156
3618	The subject vehicles are equipped with a Continuously Variable Transmission (CVT) assembly that uses a pump impeller and transmission oil in the torque converter to transfer engine power from the engine to the transmission. There is a possibility that, due to an error in the manufacturing process at the facility where the torque converters were assembled, some of the blades of the p				3424	3424
3619	Some 2018 MY 2.3L Explorer gasoline turbocharged direct injection (GTDI) vehicles were built with a fuel pressure sensor that may not have been assembled correctly into the fuel tank jumper tube, which can result in a fuel leak.				143	143
	<div>ComplaintMIL on</div> <div>Rattle noise from engine</div> <div>DTCs PresentP0299 - Turbocharger Underboost</div> <div>P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance</div> <div>P0234 - Turbocharger Overboost</div> <div>ComponentTurbocharger</div> <div>Part Number ? ProductionDADXXV02.03PA:06J 145 713 F</div> <div>DVWXXV02.03PA:06J 145 713 F</div> <div>EADXXV02.03PA:06J 145 713 F</div> <div>EVWXXV02.03SA:06J 145 713 F / 06J 145 713 AF</div> <div>Part Number ? Replacement06J 145 713 FX</div> <div>Part Number ? Analysis 06J 145 713 F</div> <div>AnalysisRusted control-rod (28.6%)</div> <div>Sticking control-rod (23.8%)</div> <div>Wastegate has too much play (9.5%)</div> <div>Control-rod loose by pin (4.6%)</div> <div>No Trouble Found (33.3%)</div>				32748	157
3620	<div>ComplaintNot Applicable</div> <div>DTCs PresentNot Applicable</div> <div>ComponentTransmission Control Software Calibration</div> <div>Part Number - ProductionNA</div> <div>Part Number - Replacement02E300062K V4002</div> <div>09G92750PE V2630</div> <div>0CG300045J V6403</div> <div>09D300012 V4521</div> <div>0D9300012 V4939</div> <div>Part Number - Analysis 03H9060023BM V6179</div> <div>03H9060023BM V6875</div> <div>03H906023CJ V2136</div> <div>03H906023DC V3177</div> <div>04E906023AE V1702</div> <div>06J906027HD V7871</div> <div>0D9300012L V4932</div> <div>0D9300012 V4905</div> <div>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>				474	474
3621	<div>ComplaintNot Applicable</div> <div>DTCs PresentNot Applicable</div> <div>ComponentTransmission Control Software Calibration</div> <div>Part Number - ProductionNA</div> <div>Part Number - Replacement02E300062K V4002</div> <div>09G92750PE V2630</div> <div>0CG300045J V6403</div> <div>09D300012 V4521</div> <div>0D9300012 V4939</div> <div>Part Number - Analysis 03H9060023BM V6179</div> <div>03H9060023BM V6875</div> <div>03H906023CJ V2136</div> <div>03H906023DC V3177</div> <div>04E906023AE V1702</div> <div>06J906027HD V7871</div> <div>0D9300012L V4932</div> <div>0D9300012 V4905</div> <div>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>				226	226
3622	<div>ComplaintNot Applicable</div> <div>DTCs PresentNot Applicable</div> <div>ComponentTransmission Control Software Calibration</div> <div>Part Number - ProductionNA</div> <div>Part Number - Replacement02E300062K V4002</div> <div>09G92750PE V2630</div> <div>0CG300045J V6403</div> <div>09D300012 V4521</div> <div>0D9300012 V4939</div> <div>Part Number - Analysis 03H9060023BM V6179</div> <div>03H9060023BM V6875</div> <div>03H906023CJ V2136</div> <div>03H906023DC V3177</div> <div>04E906023AE V1702</div> <div>06J906027HD V7871</div> <div>0D9300012L V4932</div> <div>0D9300012 V4905</div> <div>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>				226	226
3623	<div>ComplaintNot Applicable</div> <div>DTCs PresentNot Applicable</div> <div>ComponentTransmission Control Software Calibration</div> <div>Part Number - ProductionNA</div> <div>Part Number - Replacement02E300062K V4002</div> <div>09G92750PE V2630</div> <div>0CG300045J V6403</div> <div>09D300012 V4521</div> <div>0D9300012 V4939</div> <div>Part Number - Analysis 03H9060023BM V6179</div> <div>03H9060023BM V6875</div> <div>03H906023CJ V2136</div> <div>03H906023DC V3177</div> <div>04E906023AE V1702</div> <div>06J906027HD V7871</div> <div>0D9300012L V4932</div> <div>0D9300012 V4905</div> <div>AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</div>				4	4

	A	B	C	D	E	F	G	H	I	J	K	L
3624	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
3625	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE CONVERTIBLE	
3626	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	JETTA SPORTWAGEN	
3627	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:57:51		GMX-DR-2018-0000773	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3628	Jaguar Land Rover Limited	JLX	New Submission	Submitted	5/30/2019 10:25:26		JLX-DR-2019-0000380	Defect Report	DR - On-Board Diagnostic (OBD) System			
3629	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3	
3630	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Passat	
3631	Mercedes Benz	MBX	New Submission	Submitted	6/4/2019 6:55:03		MBX-DR-2019-0000391	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3632	BMW	BMX	Correction	Submitted	7/4/2019 3:05:05		BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X7 xDrive50i	

	M	N	O	P
3624		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
3625		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
3626		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
3627		HGMXJ02.4199	2017	Electrical Wiring, Sensor, and Actuator Systems
3628		JJLXT02.0RTV	2018	On-Board Diagnostic (OBD) System
3629		HVGAV02.0A3A	2017	Electrical Wiring, Sensor, and Actuator Systems
3630		JVGAV02.0V3R	2018	Electrical Wiring, Sensor, and Actuator Systems
3631		KMBXT02.0U2A	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
3632		KBMXJ04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U	
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				3	3
3624						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				3	3
3625						
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p> <p>3626 In certain vehicle the camshaft position actuator oil control solenoid valve (OCV) may fail due to excessive internal wear between components or a broken internal electrical wire.</p>				3 7204	3 1
3627						
	<p>Failed Malfunction Indicator Light illumination. Normal operation requires MIL illumination where Fueling Adaption values are between 0.07% to 0.08% and -0.07% to -0.08% additionally a Diagnostic Trouble Code is set. Investigation has revealed MIL illumination will not occur between 0.0798% to 0.08% and -0.0798% to -0.08%.</p>				24403	82
3628						
	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K-version 0001 Beetle -06K.906.016.B-version 9610 Passat ? 06K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_000170006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>				6841	6841
3629						
	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K-version 0001 Beetle -06K.906.016.B-version 9610 Passat ? 06K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_000170006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>				53027 141	53027 141
3630						
3631						
	<p>Wrong screwing/connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario: During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018	6/4/2019		100	
3632						

	A	B	C	D	E	F	G	H	I	J	K	L
3633	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	3.5L
3634	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX 2WD	
3635	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX 2WD	
3636	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/5/2019 18:40:08		NSX-DR-2019-0000009	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	NISSAN	TITAN 4WD PRO-4X	
3637	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
3638	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
3639	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 20T	1.5L
3640	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 50i	
3641	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	
3642	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
3643	BMW	BMX	New Submission	Submitted	2/15/2019 7:22:13		BMX-DR-2019-0000126	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	CIVIC 20T	1.5L
3644	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	X5 xDrive 35d	
3645	Jaguar Land Rover Limited	JLX	New Submission	Superseded	2/6/2019 8:55:28	4/23/2019 10:06:08	JLX-DR-2019-0000103	Defect Report	DR - On-Board Diagnostic (OBD) System			
3646	Jaguar Land Rover Limited	JLX	New Submission	Superseded	2/6/2019 8:55:28	4/23/2019 10:06:08	JLX-DR-2019-0000103	Defect Report	DR - On-Board Diagnostic (OBD) System			
3647	BMW	BMX	New Submission	Submitted	2/15/2019 7:30:42		BMX-DR-2019-0000134	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
3648	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	
3649	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
3650	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe M Performance	

	M	N	O	P
3633		GHNXV03.5FH3	2016	On-Board Diagnostic (OBD) System
3634		GHNXV03.5VA3	2016	On-Board Diagnostic (OBD) System
3635		GHNXV03.5RA3	2016	On-Board Diagnostic (OBD) System
3636		HNXT05.6N9A	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3637		HHNXV01.54R3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3638		HHNXV01.54H2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3639		JHNXV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3640		JHNXV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3641		JHNXV01.54K2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3642	6MT	HHNXV01.56H3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3643		JBMT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3644		CMBXT03.0HD2	2012	Electrical Wiring, Sensor, and Actuator Systems
3645		JJLXT02.0RTV	2018	On-Board Diagnostic (OBD) System
3646		JJLXT02.0RTV	2018	On-Board Diagnostic (OBD) System
3647		JBMT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3648		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
3649		LBMXV03.0B07	2020	On-Board Diagnostic (OBD) System
3650		LBMXV03.0B07	2020	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	8/17/2015	5/16/2016	27668	54
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	5/18/2015	11/7/2016	79007	135
	Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.	9/23/2015	7/12/2016	17594	101
3635	On some MY2017 Nissan TITAN vehicles, customers are experiencing MIL illumination (DTC P0448) for the EVAP valve in a stuck-closed position. Nissan has investigated and found that, under certain conditions, the EPT foam seal around the fuel filler neck may not be fully secured and can potentially allow water to enter the EVAP line, filling the canister and causing the MIL illumination.			51012	27
3636	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	11/21/2016	10/15/2017	316976	639
3637	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	7/25/2016	16/3/2017	49404	31
3638	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	8/2/2017		23920	6
3639	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	8/2/2017		23920	6
3640	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	9/18/2017		229496	25
3641	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate	4/25/2017	10/3/2017	13219	8
3642	The affected part number 13537933389 relates to the INJECTOR OIL OVERFLOW RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMX703.0N57, BMW	8/31/2017	7/30/2018	3366	552
3643	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			5648	66
	Cold Start Neutral, where idle speed is elevated to warm the catalytic convertor quickly, may be inhibited without triggering the Malfunction Indicator Light. Cold Start Neutral is inhibited when the data signal from the Gear Shift Module or Anti-lock Brake System are invalid. MIL illumination does not occur.			24354	42
	Cold Start Neutral, where idle speed is elevated to warm the catalytic convertor quickly, may be inhibited without triggering the Malfunction Indicator Light. Cold Start Neutral is inhibited when the data signal from the Gear Shift Module or Anti-lock Brake System are invalid. MIL illumination does not occur.			24354	42
	The affected part number 13538506547 relates to the HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMX703.0N57, BMW decided a warranty extension to full useful life (10 years / 120,000mi) (please see EDIR-DI-NS7-0325). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50,000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR) is/was working properly and has/had no malfunction.	8/31/2017	7/30/2018	3366	552
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaption were active at a certain level to ensure emissions are below the standards, there is a reset of these adaption which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2018	2/27/2019	5792	5792
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaption were active at a certain level to ensure emissions are below the standards, there is a reset of these adaption which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2019	5/7/2019	14	14
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaption were active at a certain level to ensure emissions are below the standards, there is a reset of these adaption which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2019	5/7/2019	14	14

	A	B	C	D	E	F	G	H	I	J	K	L
3651	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	
3652	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
3653	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
3654	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Convertible	
3655	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Convertible	
3656	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive Gran Turismo	

	M	N	O	P
3651		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
3652		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
3653		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
3654		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
3655		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
3656		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
3657	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
3658	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	
3659	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	
3660	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i xDrive	
3661	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	
3662	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive	

	M	N	O	P
3657		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
3658		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
3659		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
3660		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System
3661		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System
3662		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
3663	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	745e xDrive	
3664	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System			
3665	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	NAUTILUS FWD	
3666	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental Supersports Convrt	
3667	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GTC	
3668	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental Supersports	
3669	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Flying Spur	
3670	Mazda Motor Corporation	TKX	New Submission	Submitted	7/5/2019 0:36:11		TKX-DR-2019-0000502	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	MAZDA	Mazda3 3-Door 3WD	
3671	Mazda Motor Corporation	TKX	New Submission	Submitted	7/5/2019 0:36:11		TKX-DR-2019-0000502	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	MAZDA	Mazda3 3-Door 4WD	
3672	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:59:37		GMX-DR-2019-0000515	Defect Report	DR - Crankcase Ventilation System			
3673	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A3 quattro	

	M	N	O	P
3663		LBMXV03.0HS8	2020	On-Board Diagnostic (OBD) System
3664		KFMXV05.0VKN	2019	On-Board Diagnostic (OBD) System
3665		KFMXT02.02JU	2019	On-Board Diagnostic (OBD) System
3666		CBEKV06.0501	2012	Exhaust System (Other than EGR and Catalyst Systems)
3667		DBEKV06.04UC	2013	Exhaust System (Other than EGR and Catalyst Systems)
3668		DBEKV06.0501	2013	Exhaust System (Other than EGR and Catalyst Systems)
3669		EBEKV06.04UC	2014	Exhaust System (Other than EGR and Catalyst Systems)
3670		KTKXV02.5CDA	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
3671		KTKXV02.5CDA	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
3672		FGMXU02.4199	2015	Crankcase Ventilation System
3673		HVGAV02.0APA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>				
3664	Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.	2/28/2019	5/7/2019	3	3
3665	Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.			776	776
				1416	1416
	<p>Complaint:</p> <p>Engine overheat light is on and engine speed may be limited. DTCs Present:</p> <p>P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low)</p> <p>Component:</p> <p>Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J</p> <p>Analysis:</p> <p>? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			2062	135
	<p>Complaint:</p> <p>Engine overheat light is on and engine speed may be limited. DTCs Present:</p> <p>P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low)</p> <p>Component:</p> <p>Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J</p> <p>Analysis:</p> <p>? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			692	44
	<p>Complaint:</p> <p>Engine overheat light is on and engine speed may be limited. DTCs Present:</p> <p>P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low)</p> <p>Component:</p> <p>Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J</p> <p>Analysis:</p> <p>? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			692	41
	<p>Complaint:</p> <p>Engine overheat light is on and engine speed may be limited. DTCs Present:</p> <p>P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low)</p> <p>Component:</p> <p>Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J</p> <p>Analysis:</p> <p>? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			854	41
3670	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes while driving. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire and loss of power.			19685	0
3671	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes while driving. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire and loss of power.			19685	0
3672	Oil sludge accumulation in the primary PCV circuit, combined with ice accumulation in the secondary PCV circuit, can cause elevated crankcase pressure that forces oil to leak from rear crankshaft seal.			169021	591
	<p>DTCs Present: Not applicable</p> <p>Component: Engine Control Unit - The ECM and associated software calibration provides control/monitoring operation for the vehicle's engine.</p> <p>Part Number ? Production: Audi: A4/A5/Q5 -ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006</p> <p>VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C</p> <p>Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007</p> <p>VW: VW Tiguan -5NA.907.115.K ? 0001 VW Beetle - TBD VW Passat - TBD</p> <p>Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001.0006</p> <p>VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C</p> <p>Analysis: A supplier disclosed an issue along with an incorrect application for the Electromagnetic Compatibility (EMC) correction factor: 100% failure rate determined for this software when the operating conditions below are all present):</p> <p>-Engine Control Unit (Bosch) produced with 7C13577 module -Pre O2 sensor (LSU lambda sensor) with "Advanced"?-Generation</p>			0	0
3673	Pre O2 sensor with real aging effect within specification. Field analysis confirmed that this effect may occur first over mileage 50,000 mi)			0	0

	A	B	C	D	E	F	G	H	I	J	K	L
3674	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
3675	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
3676	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
3677	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	
3678	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE AWD	
3679	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	

	M	N	O	P
3674		FCRXV03.6SPB	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3675		BCRXV03.6UPA	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3676		CCRXV03.6VP0	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3677		DHYXV02.01TE	2013	Electrical Wiring, Sensor, and Actuator Systems
3678		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
3679		HHYXV02.0AHF	2017	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCAS review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>3674 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			611	611
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCAS review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>3675 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			667	667
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCAS review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>3676 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			1960	1960
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>3677 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			38785	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>3678 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			16555	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>3679 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			7142	0

	A	B	C	D	E	F	G	H	I	J	K	L
3680	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
3681	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	
3682	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 10:44:06		VGA-DR-2019-0000711	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Jetta	
3683	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A7 quattro	
3684	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S	2.9L
3685	Porsche AG	PRX	New Submission	Submitted	9/11/2019 14:31:38		PRX-DR-2019-0000695	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-Hybrid	
3686	Volkswagen	VWX	New Submission	Submitted	9/11/2019 15:00:01		VWX-DR-2019-0000697	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta Hybrid	
3687	Kia Motors Corporation	KMX	New Submission	Submitted	3/19/2019 14:47:47		KMX-DR-2019-0000204	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sorento FWD	
3688	Jaguar Land Rover Limited	JLX	New Submission	Superseded	3/19/2019 10:05:43	7/19/2019 14:17:41	JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
3689	Mercedes-Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			

	M	N	O	P
3680		CHYXV02.0XWS	2012	Electrical Wiring, Sensor, and Actuator Systems
3681		DHYXV02.41UE	2013	Electrical Wiring, Sensor, and Actuator Systems
3682		FVGAV02.0VAL	2015	Selective Catalytic Reduction System
3683		HVGAV03.0AUE	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3684 Automatic		KPRXV03.0PVE	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3685		KPRXV02.9PH6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3686		DVWXV01.4PHE	2013	Drivetrain/Transmission System
3687		KKMXV02.4JHS	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
3688		KJLXJ03.0FSP	2019	On-Board Diagnostic (OBD) System
3689		BMBXV03.0U2B	2011	Air Inlet System (Including Turbo and Superchargers)

	A	B	C	D	E	F	G	H	I	J	K	L
3690	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	X3 xDrive28d	
3691	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chevrolet	MALIBU	
3692	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Buick	LACROSSE	
3693	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 14:57:16		VGA-DR-2019-0000713	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Tiguan	
3694	Mercedes-Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000320	Defect Report	DR - Selective Catalytic Reduction System			
3695	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3696	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3697	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3698	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3699	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 11:17:03		GMX-DR-2019-0000345	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
3700	Kia Motors Corporation	KMX	New Submission	Superseded	8/13/2019 14:14:52	8/13/2019 14:34:36	KMX-DR-2019-0000636	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
3701	Hyundai Motor Company	HYX	New Submission	Submitted	3/14/2019 16:43:01		HYX-DR-2019-0000208	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Accent	
3702	FCA US LLC	CRX	New Submission	Submitted	3/20/2019 10:18:38		CRX-DR-2019-0000216	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Durango AWD	
3703	FCA US LLC	CRX	New Submission	Superseded	3/20/2019 11:39:59	3/22/2019 7:54:58	CRX-DR-2019-0000217	Defect Report	DR - On-Board Diagnostic (OBD) System			
3704	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
3705	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ionic Blue	
3706	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro Touring	
3707	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro Touring	
3708	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/11/2019 15:26:59		VGA-DR-2019-0000700	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta Hybrid	
3709	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:37:13		HYX-DR-2019-0000643	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Genesis AWD	
3710	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:37:13		HYX-DR-2019-0000643	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Genesis RWD	

	Q	R	S	T	U
	<p>Following NOx sensor components have been introduced into production and as spare parts in service during the specific time periods:</p> <p>10/13 - 07/16: NOx sensor (downstream) with part number 13628576469 (models 328d and X5 xDrive35d), NOx sensor (downstream) with part number 13628576470 (model X3 xDrive28d), NOx sensor (downstream) with part number 13628576471 (models 535d and 740Ld xDrive) NOx sensor (upstream) with part number 13628576471 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>07/16 - now: NOx sensor (upstream) with part number 13628589846 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d) NOx sensor (downstream) with part number 13628589845 (model X3 xDrive28d) NOx sensor (downstream) with part number 13628589844 (models 328d and X5 xDrive35d) NOx sensor (downstream) with part number 13628589846 (models 535d and 740Ld xDrive)</p> <p>Components with part numbers 13628589844, 13628589845, 13628589846 are improved / more robust NOx sensors, which have been used as spare part in service since 07/2016, whenever NOx sensors with above listed part numbers used before 07/16 were malfunctioning. Analysis have shown that component NOx sensor (up- and downstream) with above listed part numbers used before 07/16 have been replaced due to a Magnesium intoxication (major root cause of all malfunctions) as well as due to other permanent or temporarily errors as electrical malfunctions (short to ground or open circuit), all with a corresponding OBD fault code storage and MIL illumination.</p> <p>3690 Since 07/16 the component NOx sensor up- and downstream with part numbers 13628589844, 13628589845, 13628589846 have been used in production and as spare parts in service. Those components have/had no malfunctions and are/were working properly.</p> <p>3691 Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.</p> <p>3692 Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.</p>				
	<p>Complaint: MIL on, Rough idle DTCs Present: P2440 (Secondary Air Injection Valve Stuck Open Bank 1) PO0FE (EVAP System Purge Vapor Line Restricted/Blocked) P0172 (System Too Rich Bank 1) P0300 (Random/Multiple Cylinder Misfire Detected) P0301 / P0304 (Cyl 1-4 Misfire Detected) P060C (Internal Control Module Main Processor Performance)</p> <p>Component: ECM Software Update Part Number ? Production: 83A907 115 V0003 Part Number ? Analysis: 83A907 115 V0003 Part Number ? Replacement: 83A907 115 V0004 Analysis: Various OBD monitoring functions required updates to enhance detection and monitor robustness.</p> <p>Secondary Air Pump may switch off prematurely due to thermal protection strategy.</p> <p>For specific details please reference the attached Field Fix/Running Change Document (RC_KV2.0A3A_11_19).</p>				
3693				72722	4259
	<p>Certain vehicles of model NCU3 could experience thermal damage of the SCR metering valve and SCR metering line. This could be due to two different root causes: 1. The defect can be the consequence of escaping hot exhaust gas is a result of loose and defective components on the exhaust system (decoupling element corroded, pipe clamp or NOx sensor loose after previous repair). As a result of the defect, no pressure can be built up in the SCR metering line. This is then detected through the diagnosis of the SCR delivery module and the MIL is activated. 2. The defect could be the consequence of a 7 misuse-scenario??, where an incorrect fueling of otto-fuel into the diesel fuel tank can lead to increased temperatures on the exhaust side and thus damage the SCR metering valve and metering line. In this case, the correct amount of AdBlue cannot be supplied to the exhaust system any more. The malfunction would be detected through the diagnosis of the SCR metering valve and the MIL would be illuminated.</p> <p>In both aforementioned cases, the SCR warning scenario is activated, which initiates the start limit with a count down of 12 max. possible vehicle starts. In both cases, performance and vehicle speed are not limited</p>				
3694				4809	102
3695	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			51285	564
3696	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			18538	88
3697	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			25732	7
3698	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			8292	31
3699	In certain vehicles the evaporative emissions canister purge valve may fail due to a separation of molded rubber bumpers from the valve's internal sealing diaphragm. These loose rubber pieces, internal to the solenoid valve, can either prevent the valve from fully closing or cause noise. A manufacturing change intended to improve production yield inadvertently increased susceptibility			20396	838
	<p>Some 2018 model year Stinger vehicles equipped with 2.0 liter engines have experienced a malfunction indicator lamp (MIL) illumination with the diagnostic trouble code P053F. P053F: Fuel pressure control system (Low Fuel pressure) The main cause is lack drive current of high pressure pump in ECU.</p>				
3700	To improve this matter, Kia redesigned the ECU and has been replacing the affected ECU through a dealer service campaign action since November 2018.			7297	79
3701	2019 model year Hyundai Accent equipped with 1.6L engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for modeling temperature of the engine coolant data in ECU that has a difference of the temperature between modeling data of the engine cool			22965	71
3702	On some 2019 MY Dodge Durango and Jeep Grand Cherokee (WD/NK) vehicles with a 3.7L Hemi engine (sales code EDH) a software change error results in the inability to reset OBD Evaporative Monitor by a Mode \$04 Code Clear, module reset, or battery disconnect, once it shows "Ready" status.			14747	14747
	<p>In Voluntary Safety Recall U73, some 2017-2018 MY Chrysler Pacifica PHEV vehicles contain Powertrain Control ("PCM") software that does not remove positive torque requests from the engine controller if the CAN-C bus stops communicating while the cruise control is requesting positive torque. In the instance of a short in the vehicle causing the CAN-C bus to stop communicating while the cruise control is active and the vehicle speed is below the set speed such that the cruise control system is requesting positive torque at the exact moment of the short, it is possible for a positive torque request to be locked on the PCM which may result in either the vehicle maintaining its current speed or possibly accelerating. If the driver does not shift to neutral or apply the brakes to stop the vehicle this condition can cause a vehicle crash without warning.</p>				
3703	The vehicles noted above may also have Battery Pack Control Module ("BPCM") software that allows Permanent Fault Codes ("PFC") to clear immediately after a Mode \$04 is executed.			3324	3324
3704	Some 2017-2019 model year Niro HEV equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating a evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to inner part defect.			26550	45
3705	Some 2017-2019 model year Niro HEV equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating a evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to inner part defect.			26550	45
3706	Some 2017-2019 model year Niro HEV equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating a evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to inner part defect.			21891	89
3707	Some 2017-2019 model year Niro HEV equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating a evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to inner part defect.			27127	175
	<p>Complaint: On affected vehicles, the Mechatronic Unit service replacement was configured with a European software calibration. DTCs Present: Not applicable Component: Mechatronic Unit Part Number ? Production: OCG.325.025.B.203 with SW (5801) Part Number ? Replacement: OCG.325.025.B.203 with SW (6404 and 6304) Part Number ? Analysis: OCG.325.025.B.203 with SW (5801) Analysis: Due to a sorting issue at the transmission supplier, the mechatronic software versions were switched between Europe and USA/Canada-specific software. As a result, these affected US vehicles which received service replacement parts will not have Mode \$0A enabled.</p>				
3708				770	770
3709	Some 2015-2016 Hyundai Genesis vehicles equipped with 3.8L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P061B and P0638. According to the investigation, the main cause is the fine jamming between the ETC (Electronic Throttle Control) valve and the housing bore; the two aluminium metals are interrupted by thermal expan			10768	19
3710	Some 2015-2016 Hyundai Genesis vehicles equipped with 3.8L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P061B and P0638. According to the investigation, the main cause is the fine jamming between the ETC (Electronic Throttle Control) valve and the housing bore; the two aluminium metals are interrupted by thermal expan			33478	42

	A	B	C	D	E	F	G	H	I	J	K	L
3711	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 15:09:43		KMX-DR-2019-0000639	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
3712	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 AWD	
3713	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 4WD	
3714	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Passat	
3715	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta	
3716	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta	
3717	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	allroad quattro	
3718	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	allroad quattro	
3719	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S	2.9L
3720	General Motors LLC	GMX	New Submission	Submitted	9/16/2019 9:28:01		GMX-DR-2019-0000657	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
3711		HVMXV02.04EP	2017	On-Board Diagnostic (OBD) System
3712		HNSXT03.5P7B	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3713		HNSXT03.5P7A	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3714		EVWXV02.03PA	2014	Drivetrain/Transmission System
3715		EVWXV02.0B5F	2014	Drivetrain/Transmission System
3716		EVWXV02.03PA	2014	Drivetrain/Transmission System
3717		DADXJ02.0FUB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3718		DADXV02.03UB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3719 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3720		KGMXT02.0400	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Some 2017 model year Forte vehicles equipped with 2.0 liter engines have experienced a malfunction indicator lamp (MIL) illumination with the diagnostic trouble code P0300, indicating a misfire. The main cause is an electric short of the ignition coil due to water inflow.				
3711	To improve this matter, Kia redesigned the ignition coil using Teflon coating and SUS material spring. Kia has been replacing the affected ignition coil through a dealer service action campaign since November 2017.			37024	487
3712	On some 2017-2018 Nissan Pathfinder and Infiniti QX60 vehicles, customers are experiencing MIL illumination related to low fuel system pressure (P0087), when a problem does not exist. Nissan has investigated and found that, under certain conditions (fuel level below 2 tank), the low fuel system pressure is detected because the low fuel level was not properly stored as part of the mo			64337	83
3713	On some 2017-2018 Nissan Pathfinder and Infiniti QX60 vehicles, customers are experiencing MIL illumination related to low fuel system pressure (P0087), when a problem does not exist. Nissan has investigated and found that, under certain conditions (fuel level below 2 tank), the low fuel system pressure is detected because the low fuel level was not properly stored as part of the mo			65405	68
	Complaint:Delayed shift and noise coming from transmission. In some situations, the MIL is turned on. DTCs Present:P0721 (Output Speed Sensor Circuit Range/Performance) P0731 (Gear 1 Incorrect Ratio) Component:TCM Software Part Number ? Production:09G927749A2856 / 09G927749B2855 Part Number ? Replacement:09G927749AM3132 / 09G927749AN3133 Part Number ? Analysis:09G927749A2856 / 09G927749B2855 Analysis:insufficient lubrication found when vehicle is operated at low ambient temperatures. This may cause damage to the roller bearings of the transmission output shaft. The following Field Fixes were issued to disclose this topic: FF_FV2.OVBD_06_16 FF_FV2.O3PA_15_19 3714 FF_FV2.OB5F_14_19			91121	91121
	Complaint:Delayed shift and noise coming from transmission. In some situations, the MIL is turned on. DTCs Present:P0721 (Output Speed Sensor Circuit Range/Performance) P0731 (Gear 1 Incorrect Ratio) Component:TCM Software Part Number ? Production:09G927749A2856 / 09G927749B2855 Part Number ? Replacement:09G927749AM3132 / 09G927749AN3133 Part Number ? Analysis:09G927749A2856 / 09G927749B2855 Analysis:insufficient lubrication found when vehicle is operated at low ambient temperatures. This may cause damage to the roller bearings of the transmission output shaft. The following Field Fixes were issued to disclose this topic: FF_FV2.OVBD_06_16 FF_FV2.O3PA_15_19 3715 FF_FV2.OB5F_14_19			37147	37147
	Complaint:Delayed shift and noise coming from transmission. In some situations, the MIL is turned on. DTCs Present:P0721 (Output Speed Sensor Circuit Range/Performance) P0731 (Gear 1 Incorrect Ratio) Component:TCM Software Part Number ? Production:09G927749A2856 / 09G927749B2855 Part Number ? Replacement:09G927749AM3132 / 09G927749AN3133 Part Number ? Analysis:09G927749A2856 / 09G927749B2855 Analysis:insufficient lubrication found when vehicle is operated at low ambient temperatures. This may cause damage to the roller bearings of the transmission output shaft. The following Field Fixes were issued to disclose this topic: FF_FV2.OVBD_06_16 FF_FV2.O3PA_15_19 3716 FF_FV2.OB5F_14_19			91121	91121
	Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed. DTCs Present:Not applicable Component:ECM Software Update Part Number ? 19M1:8R1 907 115 P_0002 8K5 907 115 M_0004 8K5 907 115 M_0005 4G0 907 115 N/P_0005 8R1 907 115 B_0006 8K5 907 115 C_0007 8K5 907 115 F_0008 Part Number ? Replacement:8K5 907 115 N_0003 8R1 907 115 L_0003 4G0 907 115 H_0003 4G0 907 115 P_0003 8K5 907 115 M_0003 8K5 907 115 Q_0001 8R1 907 115 N_0001 8K5 907 115 F_0001 Part Number ? Analysis:Not applicable 3717 Analysis:In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			49089	24978
	Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed. DTCs Present:Not applicable Component:ECM Software Update Part Number ? 19M1:8R1 907 115 P_0002 8K5 907 115 M_0004 8K5 907 115 M_0005 4G0 907 115 N/P_0005 8R1 907 115 B_0006 8K5 907 115 C_0007 8K5 907 115 F_0008 Part Number ? Replacement:8K5 907 115 N_0003 8R1 907 115 L_0003 4G0 907 115 H_0003 4G0 907 115 P_0003 8K5 907 115 M_0003 8K5 907 115 Q_0001 8R1 907 115 N_0001 8K5 907 115 F_0001 Part Number ? Analysis:Not applicable 3718 Analysis:In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			34857	16250
3719	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
3720	If a service tool is used to clear Electronic Brake Control Module (EBCM) DTC U0100 (loss of communications with ECM) or U0101 (loss of communications with TCM), the EBCM does not properly clear the permanent status for these DTCs after EBCM OBD diagnostic tests confirm that communications with the modules has been restored.			34805	34805

	A	B	C	D	E	F	G	H	I	J	K	L
3721	Audi	ADX	New Submission	Submitted	9/17/2019 15:34:42		ADX-DR-2019-0000707	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	RSS Cabriolet	
3722	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3723	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3724	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3725	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3726	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3727	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3728	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
3729	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:05:44		FIX-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	WRX	
3730	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 AWD	
3731	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:27:16		FIX-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	LEGACY	
3732	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000683	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S	2.9L
3733	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	MINI COOPER SE COUNTRYMAN ALL4	
3734	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CLUBMAN	
3735	BMW	BMX	New Submission	Submitted	2/19/2019 4:54:10		BMX-DR-2019-0000158	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	330e	
3736	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3737	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	Pacifica	
3738	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X4	
3739	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger SRT	
3740	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger SRT	
3741	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
3742	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	
3743	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
3744	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	
3745	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	Pacifica Hybrid	
3746	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
3747	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3748	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A6 quattro	
3749	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Lamborghini	Urus	
3750	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Atlas 4Motion	
3751	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	GTI	

	M	N	O	P
3721		EADKV04.23UL	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3722		JNSXV03.5N7B	2018	On-Board Diagnostic (OBD) System
3723		JNSXV03.5N7B	2018	On-Board Diagnostic (OBD) System
3724		GN5XV03.5G7B	2016	On-Board Diagnostic (OBD) System
3725		HN5XV03.5P7A	2017	On-Board Diagnostic (OBD) System
3726		GN5XV03.0GHA	2016	On-Board Diagnostic (OBD) System
3727		FN5XV01.6GDA	2015	On-Board Diagnostic (OBD) System
3728		HN5XV03.5N7C	2017	On-Board Diagnostic (OBD) System
3729		FFJXJ02.0FPT	2015	Exhaust System (Other than EGR and Catalyst Systems)
3730		JVVXJ02.0B70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3731		FFJXJ02.5J5W	2015	Catalyst System
3732 Automatic		JPRXV03.0PVB	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3733		KBMXV01.5H60	2019	On-Board Diagnostic (OBD) System
3734		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
3735		GBMXV02.0H4B	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3736		FCRXV06.65P1	2015	Exhaust Gas Recirculation (EGR) System
3737		HCRT03.65P1	2017	Exhaust Gas Recirculation (EGR) System
3738		GCRXT05.75P1	2016	Exhaust Gas Recirculation (EGR) System
3739		HCRXV06.45P0	2017	Exhaust Gas Recirculation (EGR) System
3740		HCRXV06.45P0	2017	Exhaust Gas Recirculation (EGR) System
3741		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
3742		HCRT03.65P3	2017	Exhaust Gas Recirculation (EGR) System
3743		HCRT03.65P3	2017	Exhaust Gas Recirculation (EGR) System
3744		HCRT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
3745		HCRT03.65P0	2017	Exhaust Gas Recirculation (EGR) System
3746		HCRT05.75P1	2017	Exhaust Gas Recirculation (EGR) System
3747		FCRXV05.75P0	2015	Exhaust Gas Recirculation (EGR) System
3748		KVGAV03.0N7N	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3749		KVGAT04.0PAA	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3750		KVGAT03.6VAS	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3751		KVGAJ02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
3752	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Beetle Dune Convertible	
3753	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Beetle	
3754	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Golf	
3755	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
3756	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	
3757	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	

	M	N	O	P
3752		KVGAV02.0V3R	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3753		KVGAV02.0V3R	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3754		KVGAV01.4V1P	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3755		GVGAV03.6VUG	2016	On-Board Diagnostic (OBD) System
3756		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System
3757		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<div>Complaint: Volkswagen Group has not received customer complaints in relation to this topic. DTCs Present: Not applicable. Component: Pending Analysis. Part Number, Production: To be determined. Part Number, Replacement: To be determined. Part Number, Analysis: To be determined. Analysis: On certain Model Years 2019 and 2020 Volkswagen Group vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020 inch leak.</div>				
3752				28070	0
	<div>Complaint: Volkswagen Group has not received customer complaints in relation to this topic. DTCs Present: Not applicable. Component: Pending Analysis. Part Number, Production: To be determined. Part Number, Replacement: To be determined. Part Number, Analysis: To be determined. Analysis: On certain Model Years 2019 and 2020 Volkswagen Group vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020 inch leak.</div>				
3753				28070	0
	<div>Complaint: Volkswagen Group has not received customer complaints in relation to this topic. DTCs Present: Not applicable. Component: Pending Analysis. Part Number, Production: To be determined. Part Number, Replacement: To be determined. Part Number, Analysis: To be determined. Analysis: On certain Model Years 2019 and 2020 Volkswagen Group vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020 inch leak.</div>				
3754				151040	0
	<div>Analysis determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMTest Group 061906027HE_5835061906027HE_823ECMPFVGAV02.0VUB 06K9060714J_24506K997071B_9350ECMPFVGAV02.0VBD 06K906071BS_451306K997071B_9350ECMPFVGAV02.0VBD 06K906071D_765306K997071D_9369ECMPFVGAV02.0VBD 06K906071AB_910106K997071E_9370ECMPFVGAV02.0VPD 06K906071AH_244606K997071C_9351ECMPFVGAV02.0VPD 06K906071B_809906K997071C_9351ECMPFVGAV02.0VPD 06K906071E_686306K997071C_9351ECMPFVGAV02.0VPD 06K906071E_901306K997071E_9370ECMPFVGAV02.0VPD 06K906071J_810306K997071G_9372ECMPFVGAV02.0VPD 06K906071P_633806K997071J_9357ECMPFVGAV02.0VPD 06K906071T_811306K997071E_9370ECMPFVGAV02.0VPD 06K906071P_298006K997071G_9372ECMPFVGAV02.0VPD 09G92774BD_268708G927749AL_3153TCMPFVGAV02.0VPD 06G906055AG_437106G906055AG_3403ECMPFVGAV02.0VUC 06K906071AS_067506K906071AS_4875ECMGVGA02.0VBD 06K906071AF_236006K906071AG_4870ECMGVGA02.0VPD 06K906071AT_067406K906071B_4876ECMGVGA02.0VPD 06K906071BJ_297306K906071AG_4870ECMGVGA02.0VPD</div>			1	1
	<div>Analysis determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMTest Group 061997029D_1509061997029D_1509ECMDVWX02.03UA 061997029E_1510061997029B_1507ECMDVWX02.03UA 04E906023_423104E906023_7928ECM DVWXV01.4PHE 04E906023_468904E906023_7928ECM DVWXV01.4PHE 04E906023_492004E906023_7928ECM DVWXV01.4PHE 04E906023_503704E906023_7928ECM DVWXV01.4PHE 0C3G30045D_47010CG300045F_5307TCMDVWXV01.4PHE 061906027FD_3248061997029J_1514ECM DVWXV02.03PA 02E300058P_351002E300058P_3509TCMDVWXV02.03PA 02E300053M_009902E300058N_3509TCMDVWXV02.03PA 02E300058N_347602E300058N_3509TCMDVWXV02.03PA 02E300058N_350802E300058N_3521TCMDVWXV02.03PA 09G927750LE_232809G927750LF_2246TCMDVWXV02.5U3A 06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF 09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59 09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59 09G927750LE_232809G927750LF_2246TCMDVWXV02.5A59 07K906055CS_434107K906055CS_5853ECM DVWXV02.5M59 03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>			7	7
	<div>Analysis determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMTest Group 061997029D_1509061997029D_1509ECMDVWX02.03UA 061997029E_1510061997029B_1507ECMDVWX02.03UA 04E906023_423104E906023_7928ECM DVWXV01.4PHE 04E906023_468904E906023_7928ECM DVWXV01.4PHE 04E906023_492004E906023_7928ECM DVWXV01.4PHE 04E906023_503704E906023_7928ECM DVWXV01.4PHE 0C3G30045D_47010CG300045F_5307TCMDVWXV01.4PHE 061906027FD_3248061997029J_1514ECM DVWXV02.03PA 02E300058P_351002E300058P_3509TCMDVWXV02.03PA 02E300053M_009902E300058N_3509TCMDVWXV02.03PA 02E300058N_347602E300058N_3509TCMDVWXV02.03PA 02E300058N_350802E300058N_3521TCMDVWXV02.03PA 09G927750LE_232809G927750LF_2246TCMDVWXV02.5U3A 06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF 09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59 09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59 09G927750LE_232809G927750LF_2246TCMDVWXV02.5A59 07K906055CS_434107K906055CS_5853ECM DVWXV02.5M59 03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</div>			7	7

	A	B	C	D	E	F	G	H	I	J	K	L
3758	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
3759	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Passat	
3760	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Jetta	
3761	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3762	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3763	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3764	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3765	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3766	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3767	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3768	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3769	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3770	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3771	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3772	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3773	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3774	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3775	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
3776	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Forte	
3777	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Forte Koup	
3778	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	HYUNDAI	Elantra Coupe	
3779	BMW	BMX	New Submission	Superseded	1/29/2019 8:18:32	1/29/2019 10:43:44	BMX-DR-2019-0000020	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
3780	BMW	BMX	Correction	Submitted	1/29/2019 9:21:28		BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 7L	
3781	BMW	BMX	Correction	Submitted	1/29/2019 9:21:28		BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 3	
3782	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 5:20:49		MBX-DR-2019-0000484	Defect Report	DR - Catalyst System			
3783	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 5:20:49		MBX-DR-2019-0000484	Defect Report	DR - Catalyst System			
3784	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Audi	S8	
3785	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/13/2019 12:10:40		HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	

	M	N	O	P
3758		EVWV02.5M59	2014	On-Board Diagnostic (OBD) System
3759		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
3760		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
3761		HMBXV02.0U2A	2017	On-Board Diagnostic (OBD) System
3762		FMBXT03.0U2B	2015	On-Board Diagnostic (OBD) System
3763		EMBXV03.5U2B	2014	On-Board Diagnostic (OBD) System
3764		CMBXJ03.5U2B	2012	On-Board Diagnostic (OBD) System
3765		JMBXV03.0U2A	2018	On-Board Diagnostic (OBD) System
3766		JMBXJ02.0U2A	2018	On-Board Diagnostic (OBD) System
3767		HMBXV05.5U2A	2017	On-Board Diagnostic (OBD) System
3768		JMBXJ03.0U2A	2018	On-Board Diagnostic (OBD) System
3769		GMBXV02.0U2A	2016	On-Board Diagnostic (OBD) System
3770		HMBXV03.0U2A	2017	On-Board Diagnostic (OBD) System
3771		FMBXJ03.5U2A	2015	On-Board Diagnostic (OBD) System
3772		FMBXJ02.0U2B	2015	On-Board Diagnostic (OBD) System
3773		EMBXV02.0U2A	2014	On-Board Diagnostic (OBD) System
3774		JMBXT03.0H11	2018	On-Board Diagnostic (OBD) System
3775		HMBXV04.0U2A	2017	On-Board Diagnostic (OBD) System
3776		GKMXV02.0DFP	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3777		EKMXV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3778		FKMXV02.0EFP	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3779		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3780		DBMXV03.0AH5	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3781		DBMXV03.0AH3	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3782		KMBXT03.0U2B	2019	Catalyst System
3783		JMBXT03.5U2A	2018	Catalyst System
3784		EADVX04.03UJ	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3785		HHNXV03.0HH3	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
3786	BMW	BMX	Correction	Submitted	1/29/2019 10:36:02		BMX-DR-2019-0000016	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
3787	Volvo Car USA, LLC	VVX	Correction	Superseded	1/30/2019 10:01:39	2/7/2019 9:49:19	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
3788	Volvo Car USA, LLC	VVX	Correction	Superseded	1/30/2019 10:01:39	2/7/2019 9:49:19	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
3789	Volvo Car USA, LLC	VVX	Correction	Superseded	1/30/2019 10:01:39	2/7/2019 9:49:19	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
3790	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/30/2019 11:54:52		HNX-DR-2019-0000051	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	RIDGELINE FWD	
3791	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/30/2019 11:54:52		HNX-DR-2019-0000051	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	RIDGELINE AWD	
3792	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/30/2019 11:54:52		HNX-DR-2019-0000051	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	RIDGELINE FWD	
3793	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3794	Kia Motors Corporation	KMX	Correction	Superseded	5/22/2019 15:51:18	6/6/2019 11:05:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Stinger RWD	
3795	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q5	
3796	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A6 quattro	
3797	BMW	BMX	Correction	Submitted	1/29/2019 10:39:49		BMX-DR-2019-0000018	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
3798	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 9:22:35		MBX-DR-2019-0000532	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3799	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 9:22:35		MBX-DR-2019-0000532	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			

	M	N	O	P
3786		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3787		GVVXT02.0P3T	2016	Catalyst System
3788		HVVXT02.0U3T	2017	Catalyst System
3789		GVVXT02.0U3T	2016	Catalyst System
3790		KHNXT03.SR94	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3791		JHNXT03.S5W4	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3792		JHNXT03.S5W4	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3793		GCRJU03.6SPA	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3794		JKMXV03.34Y6	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3795		GVGAJ03.0NU4	2016	On-Board Diagnostic (OBD) System
3796		GVGAJ03.0NU4	2016	On-Board Diagnostic (OBD) System
3797		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3798		JMBXT04.0U2A	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3799		HMBXT04.0U2A	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
	<p>The affected part number 13537823399 relates to the INJECTOR OIL OVERFLOW RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component INJECTOR OIL OVERFLOW RETURN LINE is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
3787	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>			2230	2230
3788	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>			22892	22892
3789	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>			36856	36856
3790	The fuel pump feed port may crack due to repeated exposure to certain chemicals present in car washing detergents.	3/8/2018		34601	1
3791	The fuel pump feed port may crack due to repeated exposure to certain chemicals present in car washing detergents.	7/27/2017	3/7/2018	21318	2
3792	The fuel pump feed port may crack due to repeated exposure to certain chemicals present in car washing detergents.	7/27/2017	3/7/2018	21318	2
3793	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			273176	525
3794	<p>Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p> <p>Kia will replace the misprinted filler caps with the right ones.</p>			307	307
3795	<p>Various PVE [J](2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</p> <p>DTCs PresentOn Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</p> <p>Following application of the Approved Emissions Modification (AEM), PVE[J](2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA720154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520158K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2.1 SUVQ720154L2910401A 0012 AVA84L2910401A 0014</p> <p>Gen 2.2 SUVfourreg20157P1907401C 0007 AVA87P1907401C 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA720164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520168K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2.2 SUVfourreg20167P1907401C 0007 AVA87P1907401C 0010</p>			3202	3202
3796	<p>Various PVE [J](2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</p> <p>DTCs PresentOn Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</p> <p>Following application of the Approved Emissions Modification (AEM), PVE[J](2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA720154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520158K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2.1 SUVQ720154L2910401A 0012 AVA84L2910401A 0014</p> <p>Gen 2.2 SUVfourreg20157P1907401C 0007 AVA87P1907401C 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA720164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520168K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2.2 SUVfourreg20167P1907401C 0007 AVA87P1907401C 0010</p>			3202	3202
3797	The affected part number 13537823402 relates to the FRONT FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component MIDDLE FUEL RETURN LINE is/was working properly and has/had no malfunction.	6/30/2015	10/30/2016	1209	298
3798	Daimler AG has determined that on certain GT-, C- and G-Class vehicles (190, 205 and 463 platforms) the engine control unit software could have a mistake in the calibration data set relating to catalyst heating. In case of the engine being shut down for more than 67 hours, the catalyst heating created by an increase of the idling speed might not be initiated with the next engine start as i			80	0
3799	Daimler AG has determined that on certain GT-, C- and G-Class vehicles (190, 205 and 463 platforms) the engine control unit software could have a mistake in the calibration data set relating to catalyst heating. In case of the engine being shut down for more than 67 hours, the catalyst heating created by an increase of the idling speed might not be initiated with the next engine start as i			232	0

	A	B	C	D	E	F	G	H	I	J	K	L
3800	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
3801	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/13/2019 10:06:38		VGA-DR-2019-0000128	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 e-tron	
3802	Toyota Motor Corporation	TYX	New Submission	Submitted	2/15/2019 13:32:04		TYX-DR-2019-0000151	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY HYBRID LE	
3803	Jaguar Land Rover Limited	JLX	Correction	Submitted	7/19/2019 14:17:41		JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
3804	Jaguar Land Rover Limited	JLX	Correction	Submitted	7/19/2019 14:17:41		JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
3805	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3806	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3807	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3808	BMW	BMX	New Submission	Submitted	5/28/2019 7:44:39		BMX-DR-2019-0000367	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	428i xDrive Coupe	
3809	BMW	BMX	New Submission	Submitted	5/28/2019 7:44:39		BMX-DR-2019-0000367	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	428i Convertible	

	M	N	O	P
3800		GVVXV02.0U3T	2016	Catalyst System
3801		HVGAV01.4V3B	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3802		KTYXV02.5P3S	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3803		JJLXT05.0FSN	2018	On-Board Diagnostic (OBD) System
3804		JJLXV03.0F9P	2018	On-Board Diagnostic (OBD) System
3805		FJLXT03.0001	2015	Electrical Wiring, Sensor, and Actuator Systems
3806		EJLXV05.0FAM	2014	Electrical Wiring, Sensor, and Actuator Systems
3807		EJLXT05.0002	2014	Electrical Wiring, Sensor, and Actuator Systems
3808		EBMXV02.0N26	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3809		EBMXV02.0N26	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
3800	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.			20162	20162
3801	Complaint: MIL on DTCs Present: P0456 EVAP SMALL LEAK P044EF EVAP SMALL LEAK - FRESH AIR SIDE Component: EVAP Purge Valve Part Number ? Production: 04E 133 366 CL Part Number ? Replacement: 04E 133 366 CL Part Number ? Analysis: 04E 133 366 CL Analysis: Parts received / analyzed: 13 Tested parts showed 100% no trouble found (NTF) when evaluated for vacuum, electrical resistance and functionality. Note: New vehicle Warranty claims were screened and reflected the dealer replacing the Evaporative Valve and lines due to leaks at an occurrence of 14%.			3346	26
3802	During a quality confirmation activity, which involved the inspection and potential replacement of the fuel filler pipe sub-assembly in certain vehicles after assembly and prior to dealer delivery, there is a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicle could not start.	10/2/2018	11/8/2018	65	65
3803	The Evaporative Emissions Leak Monitor diagnostic completion ratio can be overstated due to a miscalculation of the denominator value. The completion ratio identifies when the indicated diagnostic 'should' have completed versus when it did. The evaluation did not increment the denominator beyond a value of 1.			5624	5624
3804	The Evaporative Emissions Leak Monitor diagnostic completion ratio can be overstated due to a miscalculation of the denominator value. The completion ratio identifies when the indicated diagnostic 'should' have completed versus when it did. The evaluation did not increment the denominator beyond a value of 1.			11875	11875
3805	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction. Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).			6084	2221
3806	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction. Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).			2037	430
3807	A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction. Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).			6748	1424
3808	The affected part number 16117243975 relates to component FUEL PUMP [DELIVERY MODULE] by supplier Bosch. Analyses have shown that the impeller inside the fuel pump could block due to high dust contamination in combination with NIP (Nickel-Phosphor) abrasion and accumulation (separated NIP particles from the internal fuel pump coating). Particularly the production period 09/2013 through 03/2014 shows an increased risk of potential blocking due to a coating charge with >8% Phosphor. The NIP coating was primarily introduced to increase the durability regarding ethanol. Due to the potential blocking, the coating in the fuel pump was changed to Eloxal beginning with 04/2014 (fuel pump built in production and fuel pump used as replacement part in service). This more robust hardware (to prevent the potential blocking of the impeller) has still part number 16117243975.	8/31/2013	3/30/2014	25000	2500
3809	The affected part number 16117243975 relates to component FUEL PUMP [DELIVERY MODULE] by supplier Bosch. Analyses have shown that the impeller inside the fuel pump could block due to high dust contamination in combination with NIP (Nickel-Phosphor) abrasion and accumulation (separated NIP particles from the internal fuel pump coating). Particularly the production period 09/2013 through 03/2014 shows an increased risk of potential blocking due to a coating charge with >8% Phosphor. The NIP coating was primarily introduced to increase the durability regarding ethanol. Due to the potential blocking, the coating in the fuel pump was changed to Eloxal beginning with 04/2014 (fuel pump built in production and fuel pump used as replacement part in service). This more robust hardware (to prevent the potential blocking of the impeller) has still part number 16117243975.	8/31/2013	3/30/2014	25000	2500

	A	B	C	D	E	F	G	H	I	J	K	L
3810	Audi	ADX	New Submission	Superseded	1/29/2019 21:46:10	1/29/2019 22:43:31	ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	ABL	
3811	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 11:01:09		JLX-DR-2019-0000551	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3812	Mercedes Benz	MBX	New Submission	Submitted	7/24/2019 13:10:32		MBX-DR-2019-0000552	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3813	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 13:42:07		JLX-DR-2019-0000554	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3814	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Roadster	
3815	Audi	ADX	Correction	Submitted	1/29/2019 22:43:31		ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S8	
3816	Mercedes Benz	MBX	New Submission	Submitted	1/31/2019 2:19:33		MBX-DR-2019-0000061	Defect Report	DR - Selective Catalytic Reduction System			
3817	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q5	
3818	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	1/31/2019 11:55:38		HMX-DR-2019-0000064	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	ILX	
3819	BMW	BMX	New Submission	Submitted	5/28/2019 9:18:18		BMX-DR-2019-0000369	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i xDrive	

	M	N	O	P
3810		EADKV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
3811		JJLXJ03.0FSP	2018	Electrical Wiring, Sensor, and Actuator Systems
3812		GMBXV02.1U2B	2016	Electrical Wiring, Sensor, and Actuator Systems
3813		EJLXV02.0FTN	2014	Electrical Wiring, Sensor, and Actuator Systems
3814		CBMXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3815		EADKV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
3816		GMBXV02.1U2B	2016	Selective Catalytic Reduction System
3817		EADXJ03.04UG	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3818		JHNV02.4N43	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3819		JBMXJ04.4N63	2018	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
3820	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	FIAT	500X AWD	
3821	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Jeep	Renegade 4x2	
3822	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	RAM	Promaster City Wagon	
3823	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
3824	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
3825	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x4	
3826	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	
3827	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
3828	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger SRT8	
3829	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3830	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3831	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
3800		GCRXI02.45P4	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3801		HCRXI02.45PA	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3802		FCRXI02.45P0	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3803		HCRXT05.75P1	2017	Exhaust Gas Recirculation (EGR) System
3804		HCRXT05.75P1	2017	Exhaust Gas Recirculation (EGR) System
3805		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
3806		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
3807		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
3808		GCRXV06.25P3	2016	Exhaust Gas Recirculation (EGR) System
3809		GILXT05.0002	2016	Electrical Wiring, Sensor, and Actuator Systems
3830		GILXT03.0001	2016	Electrical Wiring, Sensor, and Actuator Systems
3831		GILXT02.0FTP	2016	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
3832	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
3833	Hyundai Motor Company	HYX	Correction	Submitted	6/10/2019 16:44:14		HYX-DR-2019-0000427	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Sonata plug-in hybrid	
3834	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
3835	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
3836	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 16:40:14		KMX-DR-2019-0000212	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Stinger RWD	
3837	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3838	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
3839	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
3840	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
3841	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
3842	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
3843	Kia Motors Corporation	KMX	New Submission	Superseded	3/29/2019 16:54:33	5/22/2019 11:38:13	KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte FE	
3844	Kia Motors Corporation	KMX	New Submission	Superseded	3/29/2019 16:54:33	5/22/2019 11:38:13	KMX-DR-2019-0000231	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte FE	

	M	N	O	P
3832		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3833		GHYXV02.01M2	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3834		DMBXT03.0HD1	2013	Air Inlet System (including Turbo and Superchargers)
3835		DMBXT03.0HD2	2013	Air Inlet System (including Turbo and Superchargers)
3836		KKMXV02.0EG6	2019	On-Board Diagnostic (OBD) System
3837		ECRXV03.6SPA	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3838		GCRXT03.6SPD	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
3839		ASKXV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3840		DSKXV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3841		BSKXV2.395F1	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3842		CSKXV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3843		KKMXV02.0CE3	2019	On-Board Diagnostic (OBD) System
3844		KKMXV02.0CE5	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The affected part number 13538506548 relates to the Fuel Injector. Analyses have shown, that depending on test group and model year in about 15% up to 52% of all cases the component fuel injector was replaced due to a valid malfunction of the component fuel injector itself. Based on poor diesel fuel quality an extended plate-out/coat inside the injector is possible. This coat results in an increased pilot injections correction. If the adaption limit monitoring/corrected energizing time exceeds a time threshold (e.g. 250 7sec), a corresponding OBD fault code (e.g. DTC P022CD for injector 1) including MIL illumination is set (injection quantity monitoring 'Zero Fuel Calibration' (ZFC)). Depending on test group and model year in about 25% up to 84% of all cases the component injector was replaced besides the malfunctioning component high pressure fuel pump (according service instruction) due to contamination of the high/low pressure system with cuttings (please see also e.g. EDIR-OF-N47/N57-0267 or EDIR-QH-N57-0324). In the other 2% up to 35% (depending on test group and model year) the component fuel injector was replaced without any valid reason (e.g. no corresponding fault code indicating a malfunctioning fuel injector).</p>	6/30/2014	6/29/2015	3701	510
3832					
	<p>Some 2016 model year Sonata PHEV(s) have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0445 (Evap. system large leak). According to the warranty parts investigation of the 18 evap. leak check modules(ELCM) in the troubled vehicles, all of the parts were operating perfectly in normal condition not only the appearance but the performance. It is Hyundai's assessment that ELCMs and fuel filler necks were replaced at the same time to fix the P0455 MIL. We found that the both parts were replaced in the same vehicles. The vehicles might have issue that the fuel filler cap was not secured to the filler neck because inner diameter of fuel filler neck was narrower than the spec. The fuel filler cap could be stuck in the filler neck before being sealed completely, and it could cause a large leak path.</p>			1032	101
3833	Strong short-distance accelerations could lead to turbocharger failures. If this driving maneuver is carried out frequently, the booster wheel of the turbocharger may become defective. Subsequently, the required boost pressure cannot be reached within the specified time. In this case, the OBD system reacts as intended, the MIL is activated and the stored fault code correctly locates the			12410	299
3835	Strong short-distance accelerations could lead to turbocharger failures. If this driving maneuver is carried out frequently, the booster wheel of the turbocharger may become defective. Subsequently, the required boost pressure cannot be reached within the specified time. In this case, the OBD system reacts as intended, the MIL is activated and the stored fault code correctly locates the			5488	126
	<p>Some of KIA 19MY Stinger 2.0T-GDI, 20MY Sportage 2.4GDI, 20MY Soul 2.0MPI have an issue that is display of incorrect Test Group information to a scan tool. According to the investigation, the main cause is that the incorrect test group information was entered into ECU.</p>			4057	764
3837	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			27279	536
3839	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			51021	138
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	10/13/2009	5/31/2010	6807	6807
3839					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2012	10/31/2012	1805	1805
3840					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2010	5/31/2011	6120	6120
3841					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2011	5/31/2012	6331	6331
3842					
	<p>2018~2019 model year Kia Forte vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with diagnostic trouble code P219C, P219D, P219E, P219F, P030X. The main cause is the improper adaptation of cylinder imbalance diagnosis. To correct this problem, Kia will reprogram the ECU data.</p>			12614	24
3843					
	<p>2018~2019 model year Kia Forte vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with diagnostic trouble code P219C, P219D, P219E, P219F, P030X. The main cause is the improper adaptation of cylinder imbalance diagnosis. To correct this problem, Kia will reprogram the ECU data.</p>			36749	30
3844					

	A	B	C	D	E	F	G	H	I	J	K	L
3845	Hyundai Motor Company	HYX	New Submission	Submitted	4/11/2019 14:59:55		HYX-DR-2019-0000270	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima	
3846	Jaguar Land Rover Limited	JLX	New Submission	Submitted	5/3/2019 10:09:33		JLX-DR-2019-0000214	Defect Report	DR - On-Board Diagnostic (OBD) System	Land Rover	Range Rover Evoque	
3847	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/4/2019 11:39:05		NSX-DR-2018-0000171	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	MAXIMA	
3848	American Honda Motor Co., Inc.	HMX	Correction	Submitted	5/3/2019 18:30:45		HMX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT AWD	
3849	American Honda Motor Co., Inc.	HMX	Correction	Submitted	5/3/2019 18:30:45		HMX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX 4WD	
3850	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50	
3851	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 AWD RED SPORT	
3852	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50 RED SPORT	
3853	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50a	
3854	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60S AWD	
3855	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50S RED SPORT	
3856	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60 RED SPORT	
3857	Jaguar Land Rover Limited	JLX	New Submission	Submitted	3/4/2019 13:39:55		JLX-DR-2018-0000190	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3858	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
3859	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
3860	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 AWD	
3861	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
3862	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	

	M	N	O	P
3845		GHYXV01.6AFE	2016	On-Board Diagnostic (OBD) System
3846		JLJXT02.0RTV	2018	On-Board Diagnostic (OBD) System
3847		GNXV03.5G7B	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3848	9AT	HHNXV03.5VH3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3849		GHNXV03.5RA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3850		HNXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3851		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3852		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3853		GNXV03.0GHA	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3854		HNXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3855		HNXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
3856		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
3857		ELJXT02.0FTP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3858		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3859		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3860		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3861		FVVXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3862		FVVXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
3863	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
3864	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
3865	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
3866	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3867	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
3868	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 FWD	

	M	N	O	P
3863		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3864		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3865		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3866		GVVXT02.0P3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3867		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3868		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
3803	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
3804	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
3805	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
3806	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			2016	2076
3807	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8208	8208
3808	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33968	33968

	A	B	C	D	E	F	G	H	I	J	K	L
3869	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
3870	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/26/2019 15:06:56	5/1/2019 13:51:03	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX FWD	
3871	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/26/2019 15:06:56	5/1/2019 13:51:03	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX 4WD	
3872	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3873	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
3874	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	
3875	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra Coupe	
3876	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte	
3877	Toyota Motor Corporation	TYX	New Submission	Submitted	7/17/2019 14:02:22		TYX-DR-2019-0000529	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRIUS c	
3878	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3879	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3880	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3881	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3882	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3883	Mercedes Benz	MBX	New Submission	Submitted	6/8/2019 5:32:27		MBX-DR-2019-0000389	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
3884	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/29/2019 17:25:59	5/13/2019 12:10:40	HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT FWD	
3885	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/29/2019 17:25:59	5/13/2019 12:10:40	HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
3886	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Coupe	
3887	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/7/2019 19:25:42		HNX-DR-2019-0000187	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
3888	Ford Motor Company	FMX	Correction	Submitted	3/20/2019 8:57:34		FMX-DR-2018-0000601	Defect Report	DR - Hybrid Vehicle System			
3889	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	Accent	
3890	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Soul	

	A	B	C	D	E	F	G	H	I	J	K	L
3891	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	RIO	
3892	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	Rio ECO	
3893	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	ACCENT	
3894	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	KIA	SOUL ECO	
3895	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 16:31:44		KMX-DR-2019-0000211	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Soul	
3896	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3897	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
3891		DKMXV01.6DBE	2013	Catalyst System
3892		GKMXV01.6DBE	2016	Catalyst System
3893		DKMXV01.6DBE	2013	Catalyst System
3894		CKMXV01.6AW5	2012	Catalyst System
3895		LKMXV01.6BC5	2020	On-Board Diagnostic (OBD) System
3896		ENBXI02.2U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
3897		FMBXT02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
3801	<p>2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP) logic could be a cause of this issue. High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires. To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.</p>			76899	199
3802	<p>2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP) logic could be a cause of this issue. High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires. To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.</p>			107162	2335
3803	<p>2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP) logic could be a cause of this issue. High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires. To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.</p>			76899	199
3804	<p>2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP) logic could be a cause of this issue. High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires. To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.</p>			42374	105
3805	<p>2020 model year KIA Soul equipped with 1.6L engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0606. According to the investigation, the main cause is ECU software bug. To correct this problem, Kia will reprogram the ECU data.</p>			10667	1
3806	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			4959	7
3807	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			3426	12

	A	B	C	D	E	F	G	H	I	J	K	L
3898	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3899	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3900	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3901	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:14:20		NSX-DR-2019-0000003	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA AWD SR/PLATINUM	
3902	FCA US LLC	CRX	New Submission	Submitted	1/28/2019 13:16:15		CRX-DR-2019-0000004	Defect Report	DR - On-Board Diagnostic (OBD) System			
3903	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 13:16:15		CRX-DR-2019-0000004	Defect Report	DR - On-Board Diagnostic (OBD) System			
3904	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
3905	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-Z	
3906	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	ILX	1.5L
3907	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	ILX	1.5L
3908	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	ILX	1.5L
3909	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
3910	Mercedes Benz	MBX	New Submission	Submitted	4/3/2019 6:49:34		MBX-DR-2019-0000258	Defect Report	DR - On-Board Diagnostic (OBD) System			
3911	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	
3912	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	
3913	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	S30i xDrive	

	M	N	O	P
3898		DMBXV03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
3899		CMBXT03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
3900		DMBXT02.2U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
3901		KNSXV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3902		KCRXT02.4SP1	2019	On-Board Diagnostic (OBD) System
3903		KCRXT03.2SP0	2019	On-Board Diagnostic (OBD) System
3904		DHNXV01.5BD8	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3905		DHNXV01.51D2	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3906		DHNXV01.5WF2	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3907		DHNXV01.5B02	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
3908		DHNXV01.5YD2	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
3909		FHNXV01.5PFB	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
3910		JMBXT02.0U2A	2018	On-Board Diagnostic (OBD) System
3911		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
3912		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System
3913		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter. 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.			438	24
3898					
	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter. 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.			5755	21
3899					
	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter. 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.			1837	5
3900					
3901	On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may	5/25/2018	10/30/2018	23865	100
3902	Some 2019 MY Jeep Cherokee (KL77) may experience the instrument panel cluster becoming nonfunctional and becoming blank due to a capacitor inside the instrument panel cluster being installed in the wrong polarity direction. Loss of the instrument cluster may prevent activation of the malfunction indicator lamp (MIL?), warning chimes, messages, cluster gauges such as the speedometer, etc.			50	50
3903	Some 2019 MY Jeep Cherokee (KL77) may experience the instrument panel cluster becoming nonfunctional and becoming blank due to a capacitor inside the instrument panel cluster being installed in the wrong polarity direction. Loss of the instrument cluster may prevent activation of the malfunction indicator lamp (MIL?), warning chimes, messages, cluster gauges such as the speedometer, etc.			2	2
3904	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P141).	2/3/2014	9/22/2014	1934	7
3905	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P141).	9/7/2012	8/3/2013	4066	6
3906	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P141).	4/13/2012	2/5/2013	92	3
3907	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P141).	4/22/2013	6/16/2014	330	3
3908	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P141).	4/19/2012	2/5/2013	2429	85
3909	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P141).	11/6/2014	6/5/2015	2634	7
3910	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp will be illuminated.			6505	0
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine K74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2019	5/7/2019	1139	1139
3911					
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine K74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	2/28/2019	5/7/2019	1139	1139
3912					
	If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine K74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.	6/30/2017	6/29/2018	6904	6904
3913					

	A	B	C	D	E	F	G	H	I	J	K	L
3914	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	
3915	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
3916	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
3917	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
3918	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i xDrive	
3919	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	

	M	N	O	P
3914		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
3915		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
3916		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
3917		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
3918		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
3919		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
3920	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	
3921	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	
3922	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	
3923	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
3924	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M340i	
3925	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	

	M	N	O	P
3920		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
3921		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
3922		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System
3923		KBMX02.0B4X	2019	On-Board Diagnostic (OBD) System
3924		LBMX03.0B5X	2020	On-Board Diagnostic (OBD) System
3925		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
3920	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	2462	2462
3921	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	3/31/2019	5/7/2019	904	904
3922	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	1145	1145
3923	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
3924	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	3742	3742
3925	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? If applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iL xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792

	A	B	C	D	E	F	G	H	I	J	K	L
3926	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
3927	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive35d	
3928	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			
3929	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			
3930	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Charger	
3931	BMW	BMX	New Submission	Superseded	1/29/2019 9:16:50	1/29/2019 9:21:28	BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 7L	

	M	N	O	P
3926		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
3927		EBMXT03.0N57	2014	Exhaust Gas Recirculation (EGR) System
3928		JCRXT06.45P1	2018	On-Board Diagnostic (OBD) System
3929		JCRXV05.75P0	2018	On-Board Diagnostic (OBD) System
3930		JCRXV03.65PA	2018	On-Board Diagnostic (OBD) System
3931		DBMXV03.0AH5	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
3926	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701
3927	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	11/30/2013	7/30/2014	4038	4038
3928	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			4688	4688
3929	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			6015	6015
3930	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7JL??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			1240	1240
3931	<p>The affected part number 16117341299 relates to the Fuel Tank Supply Module. Analyses have shown, that the component fuel tank supply module in general was replaced due to a software failure in the ECU (Engine Control Unit). In more detail: The component PT-sensor (pressure/temperature sensor) located inside of the fuel tank supply module is/was monitored also during driving conditions. This could lead to the scenario, that the PT-sensor shows an implausible value (e.g. temperature drop) due to contact with fuel and the OBD diagnostic detects the PT-sensor as malfunctioning (including the corresponding fault code and MIL illumination) although the component PT-sensor is not malfunctioning. As a result the malfunctioning?? PT-sensor was replaced in services by replacing the complete fuel tank supply module.</p> <p>This means that in general the component fuel tank supply module was replaced without being malfunctioning. Beginning with July 2013, BMW has modified the ECU software so that the OBD diagnostics for component PT-sensor are only running during engine off time conditions to avoid the false failure detection and false MIL as described above.</p>	6/30/2012	6/29/2013	0	0

	A	B	C	D	E	F	G	H	I	J	K	L
3932	BMW	BMX	New Submission	Superseded	1/29/2019 7:53:45	1/29/2019 10:36:02	BMX-DR-2019-0000016	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
3933	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	
3934	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/14/2019 14:02:38		JLX-DR-2019-0000754	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3935	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3936	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3937	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Sportage AWD	
3938	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson AWD	
3939	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson 2WD	
3940	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 11:27:08		HYX-DR-2019-0000926	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Tucson AWD	
3941	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson 4WD	

	Q	R	S	T	U
	<p>The affected part number 13537823399 relates to the INJECTOR OIL OVERFLOW RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03 0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-NS7/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component INJECTOR OIL OVERFLOW RETURN LINE is/was working properly and has had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
3933	Some 2014~2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOG control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered to ensure the catalyst reaches the act			3545	2
	<p>The customer may experience Malfunction Indicator Light (MIL) illumination with Diagnostic Trouble Code (DTC) P2002, indicating low Diesel Particulate Filter (DPF) efficiency, stored within the Engine Control Module (ECM). Unexpected high soot loading within the DPF may lead to overheating during a regeneration event which causes the ceramic internal monolith to crack.</p> <p>Root cause has been determined to be an overly cautious coolant temperature set point of 50 degrees C before the monitoring routine to measure pressure drop across the DPF is activated.</p> <p>The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s</p> <p>The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited ~1s</p> <p>Some 2011~2016 model year Kia Sportage 2.4L may exceed the ORVR standard. According to the investigation of canister manufacturing process/subpart/production history, an analysis indicates charcoal displacement occurs because defect sponge inside the canister has short length, so displacement occurs with the combination of charcoal being tilted and short sponge length. As a c</p>			9054 3595 9491	118 0 1
3938	<p>Some 2010~2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			12222	0
3939	<p>Some 2010~2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			9735	1
3940	<p>Some 2014~2015 model year Hyundai Tucson 2.4 GDI SULEV may exhibit an issue with NMOG control that could lead to an exceedence of the emissions standards. According to the investigation, the main cause is a ECU data calibration which has a deviation of the njector flow quantity, catalyst heating based on the differences of engine mechanical friction and compensation operated by downstream Oxygen sensor. To correct this problem, Hyundai will reprogram the ECU with improved data.</p>			7100	0
3941	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			24066	0

	A	B	C	D	E	F	G	H	I	J	K	L
3942	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson 2WD	
3943	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
3944	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
3945	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
3946	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
3947	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	

	M	N	O	P
3942		BHYXT02.41UE	2014	Electrical Wiring, Sensor, and Actuator Systems
3943		GHYXV02.4B1J2	2016	Electrical Wiring, Sensor, and Actuator Systems
3944		GHYXV02.4B1J2	2016	Electrical Wiring, Sensor, and Actuator Systems
3945		JHYXV02.41WS	2018	Electrical Wiring, Sensor, and Actuator Systems
3946		HHYXV02.01VP	2017	Electrical Wiring, Sensor, and Actuator Systems
3947		BHYXV02.41WE	2014	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
3948	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE AWD	
3949	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata Limited	
3950	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
3951	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
3952	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
3953	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	

	M	N	O	P
3948		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
3949		GHYXV02.0AHE	2016	Electrical Wiring, Sensor, and Actuator Systems
3950		HHYXV02.4AJP	2017	Electrical Wiring, Sensor, and Actuator Systems
3951		GHYXV02.01VE	2016	Electrical Wiring, Sensor, and Actuator Systems
3952		FHYXV02.41JE	2015	Electrical Wiring, Sensor, and Actuator Systems
3953		CHYXV02.0XWS	2012	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
3954	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
3955	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 14:04:38		KMX-DR-2019-0000928	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage AWD	
3956	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 FWD	
3957	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
3958	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
3959	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 Inscription AWD	
3960	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:50:30		VVX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
3961	Kia Motors Corporation	KMX	New Submission	Submitted	10/21/2019 11:20:20		KMX-DR-2019-0000804	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Rio	
3962	Subaru Corporation	FIX	New Submission	Superseded	10/31/2019 17:29:59	10/31/2019 17:48:28	FIX-DR-2019-0000817	Defect Report	DR - Crankcase Ventilation System			
3963	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	
3964	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson AWD	

	M	N	O	P
3954		GHYXV02.41WE	2016	Electrical Wiring, Sensor, and Actuator Systems
3955		GKMXT02.45NP	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
3956		PVXXV02.0U3T	2015	Air Inlet System (Including Turbo and Superchargers)
3957		GVXXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
3958		GVVXT02.0P3T	2016	Air Inlet System (Including Turbo and Superchargers)
3959		JVXXJ02.012S	2018	Air Inlet System (Including Turbo and Superchargers)
3960		KVXXU02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
3961		PXMXV01.6DBE	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3962		HFJXV02.0BUY	2017	Crankcase Ventilation System
3963		DHYXT02.41SE	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3964		FHYXT02.41UE	2015	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>				
	<p>3954</p> <p>3955</p> <p>Some 2014~2016 model year KIA Sportage 2.4 GDI SULEV's may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards. According to our investigation, the main cause is a ECU data calibration is a deviation of injector flow quantity, catalyst heating based on the differences of engine mechanical friction and compensation operated by downstream</p>			48290 13272	0 2
	<p>3956</p> <p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			25464	4039
	<p>3957</p> <p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			20507	474
	<p>3958</p> <p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			2230	115
	<p>3959</p> <p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			23992	162
	<p>3960</p> <p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.</p>			28588	1117
	<p>3961</p> <p>Some 2014~2017 model year Kia Rio 1.6L vehicles have experienced a customer complaint in which certain customers smell fuel inside while they are driving in the city, especially in Stop-and-Go mode at high ambient temperature. According to the investigation, Kia has found that there is a necessity of EMS purge data optimization at the high temperature condition to improve customer</p>			21852	2
	<p>3962</p> <p>The PCV valve, an oil flow control device, may separate and allow engine oil to enter the combustion chamber. If the PCV valve separates and oil enters the combustion chamber, there may be a visible change in the appearance and/or amount of tailpipe exhaust, and if driving under this condition continues, separated component</p>	7/28/2016	8/15/2017	74956	10
	<p>3963</p> <p>Some 2010~2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			10746	1
	<p>3964</p> <p>Some 2010~2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			12222	0

	A	B	C	D	E	F	G	H	I	J	K	L
3965	Audi	ADX	New Submission	Submitted	10/9/2019 7:58:40		ADX-DR-2019-0000741	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	TOUAREG	
3966	Audi	ADX	New Submission	Superseded	10/9/2019 8:11:34	10/18/2019 9:18:51	ADX-DR-2019-0000742	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	TOUAREG	
3967	Audi	ADX	New Submission	Superseded	10/9/2019 8:11:34	10/18/2019 9:18:51	ADX-DR-2019-0000742	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	
3968	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	BETLE	
3969	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	JETTA	
3970	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	A3	

	M	N	O	P
3965		CADXT03.02UG	2012	Selective Catalytic Reduction System
3966		CADXT03.02UG	2012	Selective Catalytic Reduction System
3967		CADXT03.03UG	2012	Selective Catalytic Reduction System
3968		EVWXXV02.0USN	2014	Exhaust Gas Recirculation (EGR) System
3969		BVWXXV02.0USN	2011	Exhaust Gas Recirculation (EGR) System
3970		BVWXXV02.0USN	2011	Exhaust Gas Recirculation (EGR) System

	G	R	S	T	U
	<p>Complaint:-MIL on</p> <p>-AdBlue System Fault message appears in the instrument cluster</p> <p>DTCs Present:P20F4 (AdBlue Consumption Too Low)</p> <p>P20F5 (AdBlue Consumption Too High)</p> <p>P20EE (Catalyst Efficiency Fault)</p> <p>Components:SCR Dosing Valve</p> <p>Part Number ? Incorrect:3C0131113C</p> <p>Part Number ? Correct:4H0131113A</p> <p>Analysis:-Due to a parts catalog error, an incorrect SCR Dosing Valve may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the SCR dosing valve with the correct service part.</p> <p>3965 -An incorrect SCR Dosing Valve will have a flow rate that is mismatched to the ECM calibration and may cause SCR-related faults</p>				3
	<p>Complaint:-MIL on</p> <p>-AdBlue System Fault message appears in the instrument cluster</p> <p>DTCs Present:P20EE (Catalyst Efficiency)</p> <p>Components:SCR Catalyst</p> <p>Part Number ? Incorrect:7L8254401FX</p> <p>Part Number ? Correct:4L0254400AX</p> <p>Analysis:-Due to a parts catalog error, an incorrect SCR Catalyst may have been installed on some vehicles during a past service repair visit. VW will inspect and, if needed, replace the SCR dosing valve with the correct service part.</p> <p>3966 -An incorrect SCR Catalyst will have a storage capacity that is mismatched to the ECM calibration and may cause SCR-related faults.</p>				44
	<p>Complaint:-MIL on</p> <p>-AdBlue System Fault message appears in the instrument cluster</p> <p>DTCs Present:P20EE (Catalyst Efficiency)</p> <p>Components:SCR Catalyst</p> <p>Part Number ? Incorrect:7L8254401FX</p> <p>Part Number ? Correct:4L0254400AX</p> <p>Analysis:-Due to a parts catalog error, an incorrect SCR Catalyst may have been installed on some vehicles during a past service repair visit. VW will inspect and, if needed, replace the SCR dosing valve with the correct service part.</p> <p>3967 -An incorrect SCR Catalyst will have a storage capacity that is mismatched to the ECM calibration and may cause SCR-related faults.</p>				22
	<p>Complaint:-MIL on</p> <p>DTCs Present:P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components:EGR Filter</p> <p>Part Number ? Incorrect:1K0253120</p> <p>Part Number ? Correct:1K0253120B</p> <p>Analysis:-Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>3968 -The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPFFault.</p>				1414
	<p>Complaint:-MIL on</p> <p>DTCs Present:P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components:EGR Filter</p> <p>Part Number ? Incorrect:1K0253120</p> <p>Part Number ? Correct:1K0253120B</p> <p>Analysis:-Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>3969 -The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPFFault.</p>				2525
	<p>Complaint:-MIL on</p> <p>DTCs Present:P0401 (Exhaust Gas Recirculation Flow Insufficient)</p> <p>Components:EGR Filter</p> <p>Part Number ? Incorrect:1K0253120</p> <p>Part Number ? Correct:1K0253120B</p> <p>Analysis:-Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part.</p> <p>3970 -The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPFFault.</p>				2525

	A	B	C	D	E	F	G	H	I	J	K	L
3971	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	BETLE CONVERTIBLE	
3972	Volkswagen	VWX	New Submission	Submitted	9/26/2019 8:58:19		VWX-DR-2019-0000730	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	TIGUAN	
3973	Hyundai Motor Company	HYX	Correction	Submitted	10/29/2019 14:12:35		HYX-DR-2019-0000902	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Veloster	
3974	Ford Motor Company	FMX	New Submission	Submitted	11/13/2019 16:37:35		FMX-DR-2019-0000945	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
3975	BMW	BMX	New Submission	Submitted	10/28/2019 8:54:18		BMX-DR-2019-0000855	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
3976	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	10/28/2019 18:19:40		NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO FWD	
3977	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S6	
3978	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
3979	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S7	
3980	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
3981	Toyota Motor Corporation	TYX	Correction	Superseded	10/6/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	NX 300 AWD F SPORT	
3982	Toyota Motor Corporation	TYX	Correction	Superseded	10/6/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450h AWD	
3983	Toyota Motor Corporation	TYX	Correction	Superseded	10/6/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	

	M	N	O	P
3971		DVWXV02.0USN	2013	Exhaust Gas Recirculation (EGR) System
3972		EVWXI02.03UA	2014	Air Inlet System (Including Turbo and Superchargers)
3973		LHWXV02.0BES	2020	Computer Related (Other than On-Board Diagnostic (OBD) System)
3974		EFMXV01.5VZ1	2014	Electrical Wiring, Sensor, and Actuator Systems
3975		GBMXT03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3976		GN5XV03.5G7C	2016	Heating, Ventilation, and Air Conditioning (HVAC) System
3977		GVGAV04.0NUA	2016	Electrical Wiring, Sensor, and Actuator Systems
3978		HVGAV04.0NUA	2017	Electrical Wiring, Sensor, and Actuator Systems
3979		HVGAV04.0NUA	2017	Electrical Wiring, Sensor, and Actuator Systems
3980		FGMXT02.4151	2015	Exhaust System (Other than EGR and Catalyst Systems)
3981		KTYXT03.046M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3982		KTYXT03.5P34	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3983		KTYXV02.5P3A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
3984	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive35d	
3985	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive 35d	
3986	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive 35d	
3987	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 Sport Turismo	3L
3988	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive50i	
3989	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i	
3990	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i Gran Turismo	

	M	N	O	P
3984		EBMXT03.0N57	2014	Exhaust Gas Recirculation (EGR) System
3985		HBMXT03.0N57	2017	Exhaust Gas Recirculation (EGR) System
3986		GBMXT03.0N57	2016	Exhaust Gas Recirculation (EGR) System
3987 Automatic		JPRXV03.OPV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
3988		GBMXV04.4F15	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3989		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
3990		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 55d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	11/30/2013	7/30/2014	4038	4038
3904	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 55d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	7/31/2016	8/30/2017	2614	2614
3905	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 55d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	11/30/2015	7/30/2016	1696	1696
3907	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
3908	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	7/31/2015	7/30/2016	5013	401
3909	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
3990	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963

	A	B	C	D	E	F	G	H	I	J	K	L
3991	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B6 Gran Coupe xDrive	
3992	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY	
3993	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 200	
3994	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RC 300 AWD	
3995	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE Plus	
3996	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD	
3997	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3998	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
3999	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4000	BMW	BMX	New Submission	Submitted	5/8/2018 11:03:53		BMX-DR-2018-0000057	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	i3 REX	
4001	Toyota Motor Corporation	TYX	Correction	Submitted	5/2/2018 11:18:41		TYX-DR-2018-0000070	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	TOYOTA	TACOMA 2WD	
4002	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	IS 300	
4003	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	SEQUOIA 4WD	
4004	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	4RUNNER 4WD	
4005	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	IS 300	
4006	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	RX 350 AWD	
4007	Volkswagen Group of America, Inc.	VCA	New Submission	Submitted	5/11/2018 15:04:48		VCA-DR-2018-0000129	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	R55	
4008	FCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Cherokee 4x4	
4009	FCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Cherokee 4x4 Active Drive II	
4010	Hyundai Motor Company	HYX	New Submission	Superseded	5/14/2018 15:52:00	10/5/2018 11:22:34	HYX-DR-2018-0000132	Defect Report	DR - Catalyst System	GENESIS	G90 RWD	
4011	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 3:43:15		MBX-DR-2018-0000139	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4012	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 3:43:15		MBX-DR-2018-0000139	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4013	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 3:43:15		MBX-DR-2018-0000139	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4014	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC90 FWD	
4015	Volvo Car USA, LLC	VVX	Correction	Submitted	5/24/2018 13:22:13		VVX-DR-2018-0000105	Defect Report	DR - Hybrid Vehicle System	Volvo	XC90 AWD	
4016	BMW	BMX	New Submission	Submitted	5/28/2018 9:47:20		BMX-DR-2018-0000152	Defect Report	DR - Crankcase Ventilation System	BMW	XS xDrive50i	

	A	B	C	D	E	F	G	H	I	J	K	L
4017	BMW	BMX	New Submission	Submitted	5/28/2018 10:13:59		BMX-DR-2018-0000159	Defect Report	DR - Crankcase Ventilation System	BMW	X6 xDrive50i	
4018	Toyota Motor Corporation	TYX	New Submission	Superseded	5/8/2018 17:39:44	5/9/2018 13:35:15	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	TOYOTA	CAMRY XLE/XSE	
4019	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Chevrolet	IMPALA	
4020	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Chevrolet	C1500 SUBURBAN 2WD	
4021	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Chevrolet	C15 SILVERADO 2WD	
4022	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 5:22:43		MBX-DR-2018-0000113	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4023	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 5:22:43		MBX-DR-2018-0000113	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4024	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4025	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4026	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4027	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4028	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4029	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4030	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4031	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/1/2018 15:51:21		VGA-DR-2018-0000173	Defect Report	DR - Emission Control Information Label	Volkswagen	Golf	
4032	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/1/2018 16:29:17		HNX-DR-2018-0000171	Defect Report	DR - Emission Control Information Label	Honda	ACCORD	2.4
4033	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/14/2018 14:17:51		VGA-DR-2018-0000195	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	Beetle	
4034	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/14/2018 14:17:51		VGA-DR-2018-0000195	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	Beetle Convertible	
4035	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/14/2018 14:17:51		VGA-DR-2018-0000195	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	Passat	

	A	B	C	D	E	F	G	H	I	J	K	L
4036	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta	
4037	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	CC	
4038	General Motors LLC	GMX	New Submission	Submitted	6/15/2018 15:02:41		GMX-DR-2018-0000182	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	GMC	TERRAIN	
4039	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
4040	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB xDrive	
4041	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Jeep	Renegade 4x2	2.4L
4042	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Jeep	Cherokee 4x4	2.4L
4043	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Jeep	Compass 4x2	2.4L
4044	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Jeep	Cherokee 4x4 Active Drive II	2.4L
4045	Porsche AG	PRX	Correction	Superseded	6/4/2018 13:30:04	9/12/2018 15:08:52	PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
4046	Land Rover	LRX	New Submission	Submitted	6/4/2018 16:26:25		LRX-DR-2018-0000178	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Land Rover	Range Rover Evoque	
4047	General Motors LLC	GMX	New Submission	Submitted	6/4/2018 16:43:05		GMX-DR-2018-0000174	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	GMC	TERRAIN	
4048	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman S	2.5
4049	Porsche AG	PRX	Correction	Submitted	6/26/2018 13:09:03		PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman	2.0
4050	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo Cabriolet	3.8L
4051	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4	3.4L
4052	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo	3.8L

	M	N	O	P
4036		DVWXV02.0B5F	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4037		EVWXV02.03PA	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
4038		JGMXV01.6356	2018	Exhaust System (Other than EGR and Catalyst Systems)
4039		FJLXT05.0002	2015	Catalyst System
4040		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4041		JCRXT02.45PA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4042		JCRXT02.45P0	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4043		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4044		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4045 Automatic		GPRXV03.0C00	2016	Exhaust Gas Recirculation (EGR) System
4046		CLBXT02.0001	2012	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4047		JGMXT02.0100	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4048 Manual, Automatic		HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
4049 Manual, Automatic		HPRXV02.5B82	2017	Electrical Wiring, Sensor, and Actuator Systems
4050 Automatic		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4051 Automatic and Manual		EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4052 Automatic		FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
4053	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera 4S Cabriolet	3.8L
4054	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 AWD	
4055	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 AWD	
4056	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
4057	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 FWD	
4058	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 CC FWD	
4059	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	

	M	N	O	P
4053	Automatic and Manual.	FPRX04.OC91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4054		GVVX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4055		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4056		FVVX02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4057		FVVXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4058		FVVXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4059		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Thermostat Inserts (part#s 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored.</p> <p>Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body.</p> <p>4053 Wax element defective.</p>			9799	36
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>4054</p>			15300	15300
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>4055</p>			33971	33971
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>4056</p>			25226	25226
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>4057</p>			8211	8211
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>4058</p>			25226	25226
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p> <p>4059</p>			15300	15300

	A	B	C	D	E	F	G	H	I	J	K	L
4000	Porsche AG	PRX	New Submission	Superseded	6/20/2018 16:02:54	6/26/2018 13:09:03	PRX-DR-2018-0000226	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Boxster	2.0
4001	General Motors LLC	GMX	New Submission	Submitted	6/29/2018 16:35:30		GMX-DR-2018-0000257	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Cadillac	XT5 AWD	
4002	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera S Cabriolet	3.8L
4003	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750i	
4004	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive	
4005	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Gran Coupe	
4006	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750Li xDrive	
4007	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive Gran Turismo	

	M	N	O	P
4000	Manual, Automatic	HPRXV02.5882	2017	Electrical Wiring, Sensor, and Actuator Systems
4001		HGMXT03.6152	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4002	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4003		DBMXV04.4N63	2013	Crankcase Ventilation System
4004		DBMXV04.4N63	2013	Crankcase Ventilation System
4005		FBMXV04.4N63	2015	Crankcase Ventilation System
4006		EBMXV04.4N63	2014	Crankcase Ventilation System
4007		EBMXV04.4N63	2014	Crankcase Ventilation System

	A	B	C	D	E	F	G	H	I	J	K	L
4008	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive	
4009	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Convertible	
4010	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 15:47:43		TYX-DR-2018-0000286	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD D-CAB V6 MT OFF-ROAD	
4071	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	530e xDrive	
4072	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	230i Coupe	
4073	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER HARDTOP 4 DOOR	
4074	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i xDrive Convertible	

	M	N	O	P
4068		EBMXV04.4N63	2014	Crankcase Ventilation System
4069		EBMXV04.4N63	2014	Crankcase Ventilation System
4070		GTXX03.5MEM	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4071		JBMXV02.0H30	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4072		JBMXV02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4073		KBMXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4074		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>				
4006		2/28/2013	4/29/2014	15633	1200
	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>				
4009		2/28/2013	4/29/2014	15633	1200
4010	Customer may experience a chirping noise coming from the high-pressure fuel pump. Sound may be most noticeable during hot idle.			151604	151604
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>4071 Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/5/2018	913	913
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>4072 Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/6/2018	1175	1175
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>4073 Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/17/2018	6/12/2018	923	923
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>4074 Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/6/2018	810	810

	A	B	C	D	E	F	G	H	I	J	K	L
4075	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i Convertible	
4076	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i xDrive Convertible	
4077	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JOHN COOPER WORKS CONVERTIBLE	
4078	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	640i xDrive Gran Turismo	
4079	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
4080	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/2/2018 13:44:28		JLX-DR-2018-0000262	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4081	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i Gran Turismo	

	M	N	O	P
4075		JBMXV03.0B2X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4076		KBMXV02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4077		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4078		JBMXV03.0B5X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4079		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4080		EILXT02.0001	2014	Air Inlet System (Including Turbo and Superchargers)
4081		DBMXV04.4N63	2013	Crankcase Ventilation System

	A	B	C	D	E	F	G	H	I	J	K	L
4002	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Gran Coupe	
4003	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Convertible	
4004	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750Li xDrive	
4005	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4006	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4007	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4008	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4009	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS	
4000	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY HYBRID LE	
4001	Toyota Motor Corporation	TYX	New Submission	Submitted	7/10/2018 16:47:20		TYX-DR-2018-0000285	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	PRIUS PRIME	
4002	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Stelvio AWD	
4003	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
4004	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	

	M	N	O	P
4002		DBMXV04.4N63	2013	Crankcase Ventilation System
4003		FBMXV04.4N63	2015	Crankcase Ventilation System
4004		EBMXV04.4N63	2014	Crankcase Ventilation System
4005		CMBXV03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
4006		CMBXV03.0U2B	2012	Electrical Wiring, Sensor, and Actuator Systems
4007		BMBXT03.0U2A	2011	Electrical Wiring, Sensor, and Actuator Systems
4008		BMBXT03.0U2B	2011	Electrical Wiring, Sensor, and Actuator Systems
4009		HTYXV01.8P34	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4000		JTYXV02.5P35	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4001		JTYXV01.8P35	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4002		JCRXJ02.0SP0	2018	On-Board Diagnostic (OBD) System
4003		JCRXJ01.4SP0	2018	On-Board Diagnostic (OBD) System
4004		JCRXJ01.4SP0	2018	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4095	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500X	
4096	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	124 Spider	
4097	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:34:53		GMX-DR-2018-0000325	Defect Report	DR - Hybrid Vehicle System			
4098	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	CRUZE	
4099	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	COLORADO 2WD	
4100	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	VERSA	1.6
4101	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ROGUE FWD	2.5
4102	Porsche AG	PRX	New Submission	Submitted	7/18/2018 9:54:56		PRX-DR-2018-0000312	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Cayenne S	3.0L
4103	Porsche AG	PRX	New Submission	Submitted	7/18/2018 9:54:56		PRX-DR-2018-0000312	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	Macan S	3.0L
4104	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 13:55:39		VGA-DR-2018-0000377	Defect Report	DR - Crankcase Ventilation System	Bentley	Flying Spur	
4105	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 13:55:39		VGA-DR-2018-0000377	Defect Report	DR - Crankcase Ventilation System	Audi	S7	
4106	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4107	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4108	Ford Motor Company	FMX	New Submission	Submitted	8/6/2018 16:14:06		FMX-DR-2018-0000276	Defect Report	DR - Crankcase Ventilation System			

	M	N	O	P
4095		GCRXJ01.45P0	2016	On-Board Diagnostic (OBD) System
4096		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
4097		EGMXV01.4001	2014	Hybrid Vehicle System
4098		JGMXV01.5002	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4099		JGMXT02.5200	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4100		HN5XV01.6N4A	2017	On-Board Diagnostic (OBD) System
4101		ENSXT02.565D	2014	On-Board Diagnostic (OBD) System
4102 Automatic		FPRXT03.6MCS	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4103 Automatic		GPRXT03.6MCS	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4104		FVGAV04.0NUA	2015	Crankcase Ventilation System
4105		FVGAV04.0NUA	2015	Crankcase Ventilation System
4106		CMBXT03.0HD2	2012	Electrical Wiring, Sensor, and Actuator Systems
4107		BMBXT03.0HD1	2011	Electrical Wiring, Sensor, and Actuator Systems
4108		HFMXV01.0VD4	2017	Crankcase Ventilation System

	Q	R	S	T	U
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			143	143
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p> <p>4097 In certain vehicles the hybrid drive motor/battery cell pouches may leak electrolyte internally in the battery pack. This can cause a loss of cell voltage and reduced battery pack capacity. The leak is likely a result of moisture in the air that enters the battery pack vent and interacts with internal components. Incidents of such leaks have been identified primarily in hot and humid states. Ad</p> <p>4098 The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p> <p>4099 The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p>			1061 9634 142 22	1061 21 142 22
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>4100 Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			6122	2
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>4101 Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of surge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p> <p>4102 High Pressure Fuel Pumps (part number 94611031561) are being replaced in the field for illuminating the MIL or a ticking noise, prompting immediate customer action. Most frequent DTCs set are P1021, P1023 and P1026.</p> <p>4103 High Pressure Fuel Pumps (part number 94611031561) are being replaced in the field for illuminating the MIL or a ticking noise, prompting immediate customer action. Most frequent DTCs set are P1021, P1023 and P1026.</p>	3/13/2014	5/22/2015	1647 12718 14252	0 62 67
	<p>Customer Complaint: MIL on, and whistling sound from engine compartment. Component: PCV Valve/Oil Separator Production Part Number: 079103542B Warranty Replacement Part Number: 079103542E DTC present: - P2297 (Intake Air System Leak - adaption value monitoring) - P0507 (Idle Control System - RPM Higher than expected)</p> <p>Analysis reflects part number 079103542B</p> <p>4104 Analyzed components showed a cracked membrane and/or broken check valve within the module of crankcase ventilation system.</p>			4827	262
	<p>Customer Complaint: MIL on, and whistling sound from engine compartment. Component: PCV Valve/Oil Separator Production Part Number: 079103542B Warranty Replacement Part Number: 079103542E DTC present: - P2297 (Intake Air System Leak - adaption value monitoring) - P0507 (Idle Control System - RPM Higher than expected)</p> <p>Analysis reflects part number 079103542B</p> <p>4105 Analyzed components showed a cracked membrane and/or broken check valve within the module of crankcase ventilation system.</p> <p>4106 DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.</p> <p>4107 DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.</p> <p>4108 Some 2017 MY 1.0L Focus gasoline turbocharged direct injection (GTD) vehicles were built with crankcase ventilation (CCV) tubes that have sealing O-rings that may have become distorted during assembly. Additionally, some CCV tubes were replaced due to false detection of CCV issues.</p>			4827 6327 12104 8694	262 496 1413 655

	A	B	C	D	E	F	G	H	I	J	K	L
4109	BMW	BMX	New Submission	Submitted	8/8/2018 3:23:44		BMX-DR-2018-0000390	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
4110	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	750i xDrive	
4111	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	650i Gran Coupe	
4112	Mercedes-Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
4113	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h	
4114	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 450h AWD	
4115	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	
4116	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350 AWD	

	M	N	O	P
4109		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4110		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
4111		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
4112		DM6XT03.0HD1	2013	Exhaust System (Other than EGR and Catalyst Systems)
4113		GTYXT03.5PC4	2016	Heating, Ventilation, and Air Conditioning (HVAC) System
4114		HTYXT03.5P34	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
4115		9TYXV03.5BBB	2009	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4116		8TYXV03.5BBB	2008	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
4100	<p>The affected part number 16117243972 relates to the FUEL PUMP [DELIVERY MODULE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mls) (please note that the corresponding FR (equivalent to FR F-06-2.0-9) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [DELIVERY MODULE] is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	3695	377
4110	<p>The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions:</p> <p>a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk)</p> <p>b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics</p> <p>c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor</p> <p>All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.</p>	2/28/2013	5/31/2014	15275	1833
4111	<p>The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor. Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions:</p> <p>a) Contamination of the oxygen sensor (boron is dispensed from the boron nitride disk)</p> <p>b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics</p> <p>c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor</p> <p>All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.</p>	2/28/2013	5/31/2014	15275	1833
4112	<p>DAG has determined that the diesel particulate filter may crack due to an insufficiently robust welded connection. Specific environmental influences in the form of corrosion could also have a negative effect on the long term durability of the diesel particulate filter. This can lead to tensions within the exhaust system and thus also may cause the diesel particulate filter to crack.</p> <p>In addition, in individual cases, it may be that during repairs to the exhaust system that are unrelated to a defect of the diesel particulate filter, the exhaust system was not replaced in accordance with the DAG specifications. Specifically, the issue might arise where it is necessary for the workshop to replace the exhaust system (including the diesel particulate filter) and the replacement system is not fitted according to DAG specifications. This can lead to tensions within the exhaust system and thus may also cause the diesel particulate filter to crack.</p> <p>In both cases, a fault is stored in the engine control unit software and the engine diagnostics warning lamp (MIL) is activated.</p>			13424	1573
4113	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.				7482
4114	Customer vehicle may exhibit decreased front windshield defroster performance at extremely low ambient temperatures. This condition may be the result of the fresh/recirculation servo actuator separating from the servo, causing the HVAC system to become stuck in recirculation.				11213
4115	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			6829	6829
4116	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			23953	23953

	A	B	C	D	E	F	G	H	I	J	K	L
4117	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350	
4118	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350	
4119	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 450H	
4120	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayman S	3.4L
4121	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:25:27		PRX-DR-2018-0000520	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	911 Turbo S	3.8L
4122	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:47:38		PRX-DR-2018-0000523	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne S	4.8L
4123	Porsche AG	PRX	New Submission	Submitted	8/31/2018 8:47:38		PRX-DR-2018-0000523	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne GTS	4.8L
4124	Porsche AG	PRX	New Submission	Submitted	8/31/2018 9:22:28		PRX-DR-2018-0000524	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne Turbo S	4.8L

	M	N	O	P
4117		6TYXV03.5PEB	2006	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4118		9TYXV03.5BEB	2009	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4119		9TYXV03.5CC4	2009	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4120	Automatic and Manual	EPRXV03.4B81	2014	Electrical Wiring, Sensor, and Actuator Systems
4121	Automatic	EPRXV03.8C91	2014	Electrical Wiring, Sensor, and Actuator Systems
4122	Automatic	EPRXT04.8C5D	2014	Electrical Wiring, Sensor, and Actuator Systems
4123	Automatic	EPRXT04.8C5D	2014	Electrical Wiring, Sensor, and Actuator Systems
4124	Automatic	EPRXT04.8CTD	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
4117	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			15511	15511
4118	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			6829	6829
4119	<p>The subject vehicles are equipped with a 3.5L V6 2GR-FSE gasoline engine with an intake port injection system containing two fuel pulsation dampers. The diaphragm material in the fuel pulsation dampers may harden over time due to a chemical process involving amine in the fuel, higher ethanol content in fuels used in countries such as the U.S., Canada, and China, and high temperatures. If this were to occur, cracks could develop on the diaphragm, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>			522	522
4120	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			4814	34
4121	<p>Crankshaft Speed Sensors (Part Number 99160611202) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored fault codes are: P0335 : Crankshaft Position Sensor 'A' Circuit P0336 : Crankshaft Position Sensor 'A' Circuit Range / Performance Analysis has shown that the root cause was metal particles adhering to the sensor. To combat this, the housing thickness was increased, to decrease the air gap between the sensor and the trigger wheel.</p>			10578	146
4122	<p>Knock Sensor (part#99760612100) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored faults are: P0326, P0327 : Knock Sensor Circuit Range / Performance Bank 1, 2</p>			4166	119
4123	<p>Knock Sensor (part#99760612100) are being replaced in the field for illuminating the MIL, prompting immediate customer action. The most frequently stored faults are: P0326, P0327 : Knock Sensor Circuit Range / Performance Bank 1, 2</p>			4166	119
4124	<p>7 Tank Vent Purge Valves (part#s 94811002063, 94811002012, & 94811002013) are being replaced in the field for illuminating the MIL, prompting immediate customer action. 7 Desired pressure drop in the evaporative emissions system is not reached in the specified time limit when the purge valve is commanded closed setting DTC P0456. 7 Analyses revealed a damaged membrane of the purge valve due to fuel contamination. This leads to an incomplete closing of the valve. 7 An improved Tank Vent Purge Valve from a different manufacturer can be used</p>			1423	162

	A	B	C	D	E	F	G	H	I	J	K	L
4125	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i xDrive Coupe	
4126	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	430i Convertible	
4127	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S HARDTOP 2 DOOR	
4128	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER COUNTRYMAN ALL4	
4129	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JCW COUNTRYMAN ALL4	
4130	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	640i xDrive Gran Turismo	
4131	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330i xDrive Gran Turismo	

	M	N	O	P
4125		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4126		KBMXJ02.0B4X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4127		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4128		KBMXV01.5M3X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4129		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4130		JBMXJ03.0B5X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4131		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
4132	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	340i	
4133	Audi	ADX	New Submission	Submitted	9/12/2018 13:26:17		ADX-DR-2018-0000574	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	TOUAREG	
4134	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	TUNDRA4WD FFV	
4135	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
4136	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	530i	
4137	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i	1.5L
4138	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
4139	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	
4140	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V FWD	
4141	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2018 8:08:44		VGA-DR-2018-0000593	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Atlas	

	M	N	O	P
4132		JBMXV03.0B58	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4133		DADXT03.02UG	2013	Exhaust Gas Recirculation (EGR) System
4134		JTYXT05.7M58	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4135		HBMXV04.4N63	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4136		HBMXV02.0B4X	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4137		KBMXU04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4138 CVT		GHNXV01.5H42	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4139		JHNXV01.5H42	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4140		JHNXT01.51R3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4141		JVGAT03.6VAS	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
4142	Volkswagen	VWX	New Submission	Superseded	9/25/2018 10:03:24	10/11/2018 14:04:57	VWX-DR-2018-0000596	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta Hybrid	
4143	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4144	FCA US LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Jeep	Compass 4x2	
4145	FCA US LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4x2	
4146	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	9/26/2018 14:30:40		NSX-DR-2018-0000578	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50S AWD	3.0
4147	General Motors LLC	GMX	New Submission	Submitted	9/30/2018 16:54:44		GMX-DR-2018-0000597	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4148	Hyundai Motor Company	HYX	Correction	Superseded	10/1/2018 17:08:34	10/5/2018 10:59:17	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima	
4149	Hyundai Motor Company	HYX	Correction	Submitted	10/9/2018 10:59:17		HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	HYUNDAI	Sonata	
4150	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC SDr	1.5L
4151	Toyota Motor Corporation	TYX	New Submission	Submitted	9/28/2018 15:34:51		TYX-DR-2018-0000606	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD LE Plus	
4152	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 10:34:51		CRX-DR-2018-0000632	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4153	Audi	ADX	New Submission	Submitted	10/18/2018 10:07:50		ADX-DR-2018-0000636	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	R55 Cabriolet	
4154	Hyundai Motor Company	HYX	New Submission	Superseded	10/4/2018 15:26:11	10/5/2018 16:27:27	HYX-DR-2018-0000133	Defect Report	DR - Catalyst System	HYUNDAI	GENESIS	
4155	Porsche AG	PRX	Correction	Submitted	10/3/2018 12:56:43		PRX-DR-2018-0000609	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Porsche	Panamera 4	3.0L
4156	Kia Motors Corporation	KMX	Correction	Superseded	10/3/2018 15:53:57	5/22/2019 15:51:18	KMX-DR-2018-0000284	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	KIA	Optima	
4157	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li	

	M	N	O	P
4142		DVWV01.4PHE	2013	Drivetrain/Transmission System
4143		JCRXT05.75P2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4144		JCRXT02.45P0	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4145		KCRXT03.65P7	2019	On-Board Diagnostic (OBD) System
4146		GSXV03.0GH4	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4147		HGMXV01.4001	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4148		JHYXV02.4AJ5	2018	Emission Control Information Label
4149		JHYXV02.4AJ5	2018	Emission Control Information Label
4150		HHXV01.5562	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4151		HTYX03.5P35	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4152		JCRXJ02.05P0	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4153		DADV04.23U1	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4154		AHYXV03.8DW5	2010	Catalyst System
4155	Automatic	HPRXV03.0PV6	2017	Exhaust System (Other than EGR and Catalyst Systems)
4156		KKMV02.0DG5	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4157		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Complaint: Not Applicable Component: Transmission Control Software Calibration Production Part Number: OCG-300-045A-3801/4002 Replacement Part Number: OCG-300-045F-5307 DTCs Present: Not Applicable Analysis reflects part number: OCG-300-045-E-4305 (pre-production) Analysis: During an internal review, VW recognized that due to a quality slip, vehicles were retailed with a pre-production Transmission Control Software calibration rather than the intended production levels.</p>				7156
4143	Some 2017 thru 2019 model year Ram 1500 (7D5??), Jeep Wrangler (7JK/JL??), Jeep Cherokee (PKL??), Jeep Compass (7MP??), Jeep Grand Cherokee (7WK??), Jeep Renegade (7BU??), Fiat 500X (7FB??), Dodge Journey (7JC??), Dodge Durango (7WD??), Dodge Challenger (7LA??), Dodge Charger (7LD??), Chrysler 300 (7LX??), Chrysler Town and Country/Dodge Grand Caravan (7RT??) and Chrysler P				15011501
4144	Some 2017 thru 2019 model year Ram 1500 (7D5??), Jeep Wrangler (7JK/JL??), Jeep Cherokee (PKL??), Jeep Compass (7MP??), Jeep Grand Cherokee (7WK??), Jeep Renegade (7BU??), Fiat 500X (7FB??), Dodge Journey (7JC??), Dodge Durango (7WD??), Dodge Challenger (7LA??), Dodge Charger (7LD??), Chrysler 300 (7LX??), Chrysler Town and Country/Dodge Grand Caravan (7RT??) and Chrysler P				3838
4145	Some 2018-2019 MY 2.0L and 3.6L Jeep Wrangler 850 and some 2019 MY 3.6L and 5.7L Ram 1500 Pick Up 850 vehicles may experience a software implementation issue that does not allow the OBD Evaporative Small Leak Detection to be enabled unless the engine runs for 5 minutes continuously without an auto stop before the key is turned off.				289289
4146	On some 2016 Infiniti Q50 vehicles (3.0L V6), customers are experiencing an engine misfire or rough running condition with associated MIL illumination (DTC P0301-P0306). Infiniti has investigated and found that the fuel injector may possibly become stuck open due to the potential presence of burrs left behind in the fuel supply	10/20/2015	7/25/2016		1581969
4147	In certain vehicles a performance fault may occur in the fuel injector control circuits internal to the Engine Control Module (ECM). This is typically caused by an ECM component failure. These faults cause the MIL to illuminate and typically limit fuel injector function.				5217237
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.				65928234
4148	Hyundai will replace the misprinted filler caps with the right ones.				
	ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.				65928234
4149	Hyundai will replace the misprinted filler caps with the right ones.				
4150	Due to inappropriate calibration of the PCV and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	7/28/2016	10/3/2017		4209727
4151	When operating under certain conditions involving high altitude and temperature, the vehicle may experience DTW P3190 (Poor Engine Power) and reduced internal combustion engine power. In this condition, the vehicle will illuminate the check engine light and may enter an EV fail-safe mode if the internal combustion engine shuts down.				1470414704
4152	Some 2017 MY Alfa Romeo Giulia (7GA??) and 2018 MY Alfa Romeo Giulia and Stelvio (7GU??) vehicles equipped with a 2.0L engine (sales code EC2) may have engine control software with inadequate catalyst protection. Engine misfire conditions can lead to elevated catalytic converter temperatures. This may result in localized damage to wiring and components in the engine compartment.				2460824608
	Customer Complaint: MIL on; Component: ECM Software; Production Part Number: 8T2 907 560 F V0003; Warranty Replacement Part Number / Version: 8T2 907 560 F V0005; The following DTC was observed: P130B (Low Fuel Pressure regulation, Fuel pressure outside specification); Analysis: Fuel pressure is out of tolerance due to the minimum threshold for the pulse-width signal from the Engine Control Module to the Fuel Transfer Pump was set too high.				154594
4153	duplicate				697803
	After the 7sport response?? drive program is terminated, the exhaust flaps stay open for the whole driving cycle and the Cylinder Deactivation function is Disabled. The exhaust flaps stay opened and the cylinder deactivation is also disabled in the next driving cycle If the driver changes the drive program or selects the Sport Exhaust: the position of the exhaust flaps close and cylinder deactivation is enabled again. The topic is relevant for the Panamera, Panamera S and Panamera Turbo. There is only an influence of the fuel consumption at the Panamera Turbo.	9/24/2016	6/13/2017		34380
4155					
	Some 2018 model year Kia Stinger, Cadenza, 2019 model year Sedona, Optima, Sorento vehicles have the misprinted on the engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.				1818
4156	Kia will replace the misprinted filler caps with the right ones.				
	The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis has shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives. Beginning with 12/2015 a new filter material (7PEEK?? instead of PA) for the filter was introduced in production and services.	2/28/2014	5/31/2015		114451259
4157					

	A	B	C	D	E	F	G	H	I	J	K	L
4158	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
4159	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i	
4160	Mercedes Benz	MBX	New Submission	Submitted	10/30/2018 19:35:56		MBX-DR-2018-0000676	Defect Report	DR - Hybrid Vehicle System			
4161	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 HFE 4X2	
4162	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X4	
4163	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X4	
4164	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	

	M	N	O	P
4158		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4159		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4160		JMBXJ02.0HY1	2018	Hybrid Vehicle System
4161		FCRXT03.0SPV	2015	Exhaust Gas Recirculation (EGR) System
4162		FCRXT03.0SPV	2015	Exhaust Gas Recirculation (EGR) System
4163		ECRXT03.0SPV	2014	Exhaust Gas Recirculation (EGR) System
4164		ECRXT03.0SPV	2014	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
4158	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives. Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
4159	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives. Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
4160	<p>Daimler AG has determined that in the affected vehicles a plausibility error of the temperature sensor within the power electronics could be detected erroneously, although the system works properly. In this case, the check engine warning lamp (MIL) would be activated falsely.</p>	5/31/2017	5/30/2018	864	864
4161	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <ul style="list-style-type: none">72091 (73 %) had an internal leak in the EGR cooler.7457 (16%) had a plugged or restricted EGR cooler due to soot.7108 (3.7%) had an EGR bypass that was stuck or broken.7106 (3.70%) had an issue with an adjoining component751 (1.78%) had an external EGR cooler leak750 (1.75%) had an unknown failure not related to the EGR cooler			40405	810
4162	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <ul style="list-style-type: none">72091 (73 %) had an internal leak in the EGR cooler.7457 (16%) had a plugged or restricted EGR cooler due to soot.7108 (3.7%) had an EGR bypass that was stuck or broken.7106 (3.70%) had an issue with an adjoining component751 (1.78%) had an external EGR cooler leak750 (1.75%) had an unknown failure not related to the EGR cooler			40405	810
4163	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <ul style="list-style-type: none">72091 (73 %) had an internal leak in the EGR cooler.7457 (16%) had a plugged or restricted EGR cooler due to soot.7108 (3.7%) had an EGR bypass that was stuck or broken.7106 (3.70%) had an issue with an adjoining component751 (1.78%) had an external EGR cooler leak750 (1.75%) had an unknown failure not related to the EGR cooler			28721	542
4164	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <ul style="list-style-type: none">72091 (73 %) had an internal leak in the EGR cooler.7457 (16%) had a plugged or restricted EGR cooler due to soot.7108 (3.7%) had an EGR bypass that was stuck or broken.7106 (3.70%) had an issue with an adjoining component751 (1.78%) had an external EGR cooler leak750 (1.75%) had an unknown failure not related to the EGR cooler			28721	542

	A	B	C	D	E	F	G	H	I	J	K	L
4165	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	CC	
4166	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	BETTER	
4167	BMW	BMX	New Submission	Superseded	10/29/2018 10:10:47	10/30/2018 8:12:39	BMX-DR-2018-0000669	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
4168	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	11/8/2018 13:01:23		HMX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	RLX	
4169	Kia Motors Corporation	KMX	New Submission	Superseded	11/12/2018 15:26:42	3/4/2019 13:26:48	KMX-DR-2018-0000711	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Optima plug-in hybrid	
4170	Kia Motors Corporation	KMX	New Submission	Superseded	11/12/2018 15:26:42	3/4/2019 13:26:48	KMX-DR-2018-0000711	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro Plug-in Hybrid	
4171	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Passat	
4172	BMW	BMX	New Submission	Superseded	10/30/2018 6:21:31	10/30/2018 8:05:05	BMX-DR-2018-0000673	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	BMW	540i xDrive	

	M	N	O	P
4165		DVWXJ02.03UA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4166		DVWXJ02.03UA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4167		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4168		JHNV03.5PH4	2018	On-Board Diagnostic (OBD) System
4169		KKMXV02.0D2T	2019	On-Board Diagnostic (OBD) System
4170		KKMXV01.6L2T	2019	On-Board Diagnostic (OBD) System
4171		DVWXV03.6U41	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4172		HBMXV03.0BSX	2017	Air Inlet System (including Turbo and Superchargers)

	Q	R	S	T	U
4165	<p>Complaint: MIL on Component: Fuel Injector Production Part Number: 06H 906 036 G Replacement Part Number: 06H 906 036 P DTCs Present: P0300-P0304 (Random/Multiple Cylinder Misfire Detected) P130A (Hide Cylinder)</p> <p>Part Analysis reflects part number: 06H 906 036 G 38x 7 Torn filter-mesh 22x 7 Internal Leak 7x 7 Excessive carbon build-up 5x 7 Clogged spray ports 35x - NTF</p>			50147	999
4166	<p>Complaint: MIL on Component: Fuel Injector Production Part Number: 06H 906 036 G Replacement Part Number: 06H 906 036 P DTCs Present: P0300-P0304 (Random/Multiple Cylinder Misfire Detected) P130A (Hide Cylinder)</p> <p>Part Analysis reflects part number: 06H 906 036 G 38x 7 Torn filter-mesh 22x 7 Internal Leak 7x 7 Excessive carbon build-up 5x 7 Clogged spray ports 35x - NTF</p>			50147	999
4167	<p>The affected part number 13538594893 relates to the Fuel Line to High Pressure Pump. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please note that the corresponding RIR (equivalent to FIR F-06.2.0-9) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW's services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component Fuel Line to High Pressure Pump is/was working properly and has/had no malfunction.</p>	6/30/2014 8/29/2017	5/31/2015 4/23/2018	3701 1645	282 0
4169	<p>2019 model year KIA Niro/Optima hybrid and plug-in hybrid have an issue that is inappropriate display of the freeze frame data to a general scan tool. According to the investigation, when multiple DTCs are set including misfire or fuel system DTC, the ECU cannot display correctly the misfire or the fuel system freeze frame information after ignition off and on. The main cause is that ECU has been calibrated improperly when it comes to display freeze frame data if it occurs multiple DTCs.</p>			95	95
4170	<p>2019 model year KIA Niro/Optima hybrid and plug-in hybrid have an issue that is inappropriate display of the freeze frame data to a general scan tool. According to the investigation, when multiple DTCs are set including misfire or fuel system DTC, the ECU cannot display correctly the misfire or the fuel system freeze frame information after ignition off and on. The main cause is that ECU has been calibrated improperly when it comes to display freeze frame data if it occurs multiple DTCs.</p>			1224	949
4171	<p>Complaint: Not Applicable Component: Transmission Control Software Calibration Production Part Numbers: N/A Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. DTCs Present: Not Applicable Analysis reflects part numbers (Software calibrations): 02E300012M_2099 02E300057Q_3119 02E300058N_3501 02E300058N_3504 02E300058N_3512 02E300058N_3520 02E300062K_4002 0CG300045F_5303 0CG300045F_5308 0CG300045G_5801 02E300057R_3114</p> <p>-Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>Of the affected 301 Model Year 2013 7 2014 vehicles, 286 vehicles are represented by 3 of the 7 Test Groups reported; the remaining 4 Test Groups have 9 or less vehicles.</p>			1	1
4172	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures): The kinematics /component 7a spacer 7 (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	10/31/2016	5/31/2017	10282	15

	A	B	C	D	E	F	G	H	I	J	K	L
4173	BMW	BMX	Correction	Superseded	10/30/2018 8:05:05	10/30/2018 12:06:46	BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	540i xDrive	
4174	BMW	BMX	Correction	Submitted	10/30/2018 8:12:39		BMX-DR-2018-0000669	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
4175	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 10:28:05		VGA-DR-2018-0000657	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	CC	
4176	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 10:28:05		VGA-DR-2018-0000657	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	CC	
4177	Toyota Motor Corporation	TYX	New Submission	Submitted	10/24/2018 14:16:04		TYX-DR-2018-0000651	Defect Report	DR - Hybrid Vehicle System	TOYOTA	PRUIS v	
4178	Porsche AG	PRX	New Submission	Submitted	10/25/2018 13:30:11		PRX-DR-2018-0000663	Defect Report	DR - Hybrid Vehicle System	Porsche	Panamera S E-Hybrid	3.0L
4179	Audi	ADX	New Submission	Superseded	10/30/2018 15:00:07	10/30/2018 15:26:49	ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
4180	Audi	ADX	New Submission	Superseded	10/30/2018 15:00:07	10/30/2018 15:26:49	ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
4181	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
4182	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
4183	Audi	ADX	Correction	Submitted	10/30/2018 15:26:49		ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
4184	Audi	ADX	Correction	Submitted	10/30/2018 15:26:49		ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A6 quattro	
4185	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:37:36		GMX-DR-2018-0000708	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
4186	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S COUNTRYMAN ALL4	
4187	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CONVERTIBLE	

	M	N	O	P
4173		HBMXV03.0BSX	2017	Electrical Wiring, Sensor, and Actuator Systems
4174		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4175		FVGAV02.0VPE	2015	Air Inlet System (Including Turbo and Superchargers)
4176		FVGAI02.0VUE	2015	Air Inlet System (Including Turbo and Superchargers)
4177		CTRXV01.8CCU	2012	Hybrid Vehicle System
4178 Automatic		GPRXI03.0PHV	2016	Hybrid Vehicle System
4179		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
4180		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
4181		FVGAI03.0NU4	2015	Electrical Wiring, Sensor, and Actuator Systems
4182		GVGAI03.0NU4	2016	Electrical Wiring, Sensor, and Actuator Systems
4183		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
4184		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
4185		GGMKV03.6166	2016	Heating, Ventilation, and Air Conditioning (HVAC) System
4186		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
4187		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
4173	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics /component ?space?? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	10/31/2016	5/31/2017	10282	4833
4174	<p>The affected part number 13538594893 relates to the Fuel Line to High Pressure Pump. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mls). Please see corresponding EDIR-OF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component Fuel Line to High Pressure Pump is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	3701	282
4175	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 ES Interim Part Number: 06J 133 201 BD Warranty Replacement Part Number: 06J 133 201 BH</p> <p>The following DTCs were observed:</p> <ul style="list-style-type: none">- P2015 Intake Manifold Runner Position Sensor Range/Performance- P0507 Idle Control System RPM Higher than Expected- P2187 System too lean at idle- P0300-P0304 Misfire Detected <p>Part analysis reflects part number: 06J 133 185 ES</p> <ul style="list-style-type: none">-28x Cracked/broken plastic rivet head-1x Binding gear-1x Vacuum valve stuck closed-7x No Trouble Found <p>Failure Analysis:</p> <ul style="list-style-type: none">-Cracked/broken plastic rivet heads are caused by a quality issue at supplier.-Abnormal wear in cavity of production tool #2 causes the load-bearing surface to be under specifications, which may lead to cracking/breakage over time.			3445	3445
4176	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 ES Interim Part Number: 06J 133 201 BD Warranty Replacement Part Number: 06J 133 201 BH</p> <p>The following DTCs were observed:</p> <ul style="list-style-type: none">- P2015 Intake Manifold Runner Position Sensor Range/Performance- P0507 Idle Control System RPM Higher than Expected- P2187 System too lean at idle- P0300-P0304 Misfire Detected <p>Part analysis reflects part number: 06J 133 185 ES</p> <ul style="list-style-type: none">-28x Cracked/broken plastic rivet head-1x Binding gear-1x Vacuum valve stuck closed-7x No Trouble Found <p>Failure Analysis:</p> <ul style="list-style-type: none">-Cracked/broken plastic rivet heads are caused by a quality issue at supplier.-Abnormal wear in cavity of production tool #2 causes the load-bearing surface to be under specifications, which may lead to cracking/breakage over time.				24111118 5010150101
4177	The subject vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high voltage to be generated that could exceed a certain limit				
4178	High Voltage batteries (part numbers 7PP915590 X, 7PP915590AX, 7PP915590B, 7PP915590C, 7PP915590H, 7PP915590HX, 7PP915590KX) are being replaced in the field due to illumination of the MIL. The fault code most frequently stored is P0A8000, which indicates high internal resistance in the battery. Batteries that have b	5/22/2015	8/3/2016	452	1
4179	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			12570	864
4180	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			12570	864
4181	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			9118	555
4182	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			3962	312
4183	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			12570	864
4184	Analysis: Coking deposits found on the Oxygen Sensor may lead to delay in sensor response. Analyzed oxygen sensors show no sign of failure or defect and are being replaced consequentially due to coking.			12570	864
4185	In certain vehicles, insulation foam surrounding the air conditioning evaporator may prevent condensate from properly draining from the evaporator. Condensate that is held in contact with the evaporator may freeze and damage the evaporator resulting in a refrigerant leak.			63893	730
4186	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	13108	13108
4187	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	2/27/2019	6106	6106

	A	B	C	D	E	F	G	H	I	J	K	L
4188	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CLUBMAN ALL4	
4189	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS CLUBMAN ALL4	
4190	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JCW COUNTRYMAN ALL4	
4191	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS CONVERTIBLE	
4192	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive Sports Wagon	
4193	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d	
4194	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	

	M	N	O	P
4188		KBMXV01.5M3X	2019	On-Board Diagnostic (OBD) System
4189		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
4190		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
4191		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
4192		FBMXV02.0N47	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4193		FBMXV02.0N47	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4194		FBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
4188	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	2498	2498
4189	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	775	775
4190	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	775	775
4191	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	775	775
4192	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701
4193	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2016	6/29/2017	1204	1204
4194	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2016	6/29/2017	1204	1204

	A	B	C	D	E	F	G	H	I	J	K	L
4195	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
4196	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	
4197	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
4198	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
4199	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
4200	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:38:16		MBX-DR-2018-0000717	Defect Report	DR - On-Board Diagnostic (OBD) System			
4201	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:52:11		MBX-DR-2018-0000714	Defect Report	DR - On-Board Diagnostic (OBD) System			
4202	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:19:21		MBX-DR-2018-0000716	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4203	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA WAGON AWD	
4204	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA AWD	
4205	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 5:46:35		MBX-DR-2018-0000725	Defect Report	DR - On-Board Diagnostic (OBD) System			
4206	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			

	M	N	O	P
4195		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System
4196		FBMXT02.0N47	2015	Exhaust Gas Recirculation (EGR) System
4197		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
4198		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
4199		EBMXV03.0N57	2014	Exhaust Gas Recirculation (EGR) System
4200		HMBXV05.5U2A	2017	On-Board Diagnostic (OBD) System
4201		JMBXV04.0U2A	2018	On-Board Diagnostic (OBD) System
4202		HMBXV04.0U2A	2017	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4203		DFJXJ02.5NKR	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4204		CFJXJ02.5NVD	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4205		KMBXV03.0HY4	2019	On-Board Diagnostic (OBD) System
4206		DMBXV03.5U2B	2013	Catalyst System

	Q	R	S	T	U
4195	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
4196	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	3/31/2014	3/30/2015	2345	2345
4197	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701
4198	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2014	6/29/2015	3701	3701
4199	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	5167	5167
4200	Daimler AG has determined that on certain S-Class (platforms 217 and 222) vehicles in one special use case the software might detect a misfire even when no misfire occurred. The issue only occurs when driving down a hill while catalyst heating may be necessary (about max. 60 seconds after cold start of the engine). In this case, the Malfunction Indicator Lamp (MIL) would erroneously illuminate.			11869	24
4201	Daimler AG has determined that on certain S-Class (platforms 217 and 222) and E-Class (platform 213) vehicles the software might detect a misfire even when no misfire occurred. In this case the Malfunction Indicator Lamp (MIL) would erroneously illuminate, and report a misfire even though no misfire had occurred.	10/31/2016	6/29/2018	1887	510
4202	Daimler AG has determined that certain C-Class vehicles (205 platform) experience a software error. Due to moisture in the pump module, the electric signals that control the pump of the tank leak diagnosis might be misinterpreted by the system. In this case a fault would be detected erroneously and the MIL would be activated falsely although the system works properly. Subsequently			3024	0
4203	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.			99342	4
4204	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.			26419	0
4205	Daimler AG has determined that certain M-Class (platform 167), C-Class (platform 205), CLS-Class (platform 257), E-Class (platform 213 and 238) and S-Class (platform 217 and 222) experience a software error. In case of the described defect, stored faults could be deleted prior to completion of a full driving cycle. As a result the MIL might not be activated.			221	0
4206	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination:</p> <p>The engine is turned off after a driving cycle where it was fully warmed up. At the next engine start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated.</p> <p>In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			10322	0

	A	B	C	D	E	F	G	H	I	J	K	L
4207	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
4208	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
4209	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
4210	BMW	BMX	Correction	Submitted	11/14/2018 10:17:56		BMX-DR-2018-0000727	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive50i	
4211	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4212	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
4207		DMBXT05.SU2A	2013	Catalyst System
4208		EMBKV05.SU2A	2014	Catalyst System
4209		CMBXT03.SU2A	2012	Catalyst System
4210		EBMXT04.4F15	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4211		DMBKV03.SU2A	2013	On-Board Diagnostic (OBD) System
4212		FMBXJ03.SU2A	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
4207	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			1400	0
4208	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			3887	0
4209	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination: The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated. In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			19203	0
4210	<p>The affected part number 13538616079 relates to component injection valve (fuel injector) by supplier Continental, which is only used for model X6 xDrive50i (for model X5 xDrive50i an injector by supplier Bosch is built; please see also EDIR-06-N63TUE-0251). This part number 13538616079 is used in production beginning with 02/2013. Analyses have shown, that in about 50% of all cases the component injection valve was replaced due to misfire events including fault code storage and MIL illumination. In general these misfire events were be caused by an electrical malfunction (faulty operation of the injector) due to contamination (welding bead) at the contact/connection caused by the supplier during the production process. In addition leakages due to gelation of the compensator (in general after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector) or a defective filter material (filter material shows breaks pollutant particles leading to temporary or steady leakages of the injection valve) could also lead to the misfire events. In the other 50% of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. In these cases other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for the fault code storage (e.g. for misfire) and MIL illumination.</p>	3/31/2013	12/30/2014	4615	2215
4211	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			2313	0
4212	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			7842	0

	A	B	C	D	E	F	G	H	I	J	K	L
4213	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4214	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4215	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4216	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4217	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4218	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
4213		DMBXT03.SU28	2013	On-Board Diagnostic (OBD) System
4214		JMBXT04.OU2A	2018	On-Board Diagnostic (OBD) System
4215		EMBXV03.SU28	2014	On-Board Diagnostic (OBD) System
4216		FMBXV03.OHY1	2015	On-Board Diagnostic (OBD) System
4217		FMBXJ02.OU28	2015	On-Board Diagnostic (OBD) System
4218		FMBXV04.OU2A	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
4213	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			6360	0
4214	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			1017	0
4215	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			9496	0
4216	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			156	0
4217	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			13162	0
4218	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			671	0

	A	B	C	D	E	F	G	H	I	J	K	L
4219	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4220	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4221	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4222	General Motors LLC	GMX	New Submission	Submitted	11/14/2018 12:22:30		GMX-DR-2018-0000705	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4223	BMW	BMX	New Submission	Submitted	12/3/2018 3:37:03		BMX-DR-2018-0000748	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4224	BMW	BMX	New Submission	Submitted	12/3/2018 3:53:42		BMX-DR-2018-0000749	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4225	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	128Ci Convertible	

	M	N	O	P
4219		GMBXV03.SU2C	2016	On-Board Diagnostic (OBD) System
4220		GMBXV05.SU2A	2016	On-Board Diagnostic (OBD) System
4221		CMBXV03.SU2A	2012	On-Board Diagnostic (OBD) System
4222		EGMXT05.3373	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4223		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4224		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4225		ABMXV03.051R	2010	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
4219	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			645	0
4220	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			20393	0
4221	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			6739	0
4222	<p>Avapor lock condition in the fuel delivery system can occur after extended periods of engine idle when the ambient temperature is greater than 100 degF. Under these conditions the fuel flow rate from the in-tank mounted fuel pump may be sufficiently low that the liquid fuel can vaporize in the fuel delivery system and fuel pump resulting in pump cavitation or stalling.</p>			7303	23
4223	<p>The affected part number 16127224638 relates to the MIDDLE FUEL RETURN LINE (RETURN PIPE). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMT03.0N57, a final decision based on the final analysis results is expected in 01/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mls; equivalent to EDR-0E-N57-0177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component MIDDLE FUEL RETURN LINE (RETURN PIPE) is/was working properly and has/had no malfunction.</p>	7/31/2016	7/31/2017	2614	544
4224	<p>The affected part numbers 13538596875 and 13538596876 relate to the FRONT and REAR HP PUMP-TO RAIL FUEL LINE (PRESSURE HOSE ASSY). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMT03.0N57, a final decision based on the final analysis results is expected in 01/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mls; equivalent to EDR-0E-N57-0177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FRONT and REAR HP PUMP-TO RAIL FUEL LINE (PRESSURE HOSE ASSY) is/was working properly and has/had no malfunction.</p>	7/31/2016	7/31/2017	2614	544
4225	<p>The affected part number 17117537292 relates to the RADIATOR W/DORS. Analyses have shown that in about 80% of all cases this component was replaced in service due to leakages. In the other about 20% of all cases a malfunctioning DORS sensor (e.g. electrical failure including fault code storage and MIL illumination) was the reason to replace the complete DORS system including also the DORS radiator although the coated DORS radiator itself was not defective and met still the functional requirements (convert ozone in oxygen).</p>	8/31/2009	1/31/2010	19097	1184

	A	B	C	D	E	F	G	H	I	J	K	L
4226	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	128i	
4227	BMW	BMX	New Submission	Superseded	12/5/2018 9:06:07	12/10/2018 6:27:56	BMX-DR-2018-0000755	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
4228	BMW	BMX	New Submission	Submitted	11/29/2018 11:32:00		BMX-DR-2018-0000741	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4229	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4X2	
4230	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:45:25		CRX-DR-2018-0000781	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler Unlimited 4x4	
4231	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	
4232	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	
4233	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	

	M	N	O	P
4226		ABMXV03.051R	2010	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4227		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4228		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4229		KCRXT05.75P1	2019	On-Board Diagnostic (OBD) System
4230		JCRXT02.05P1	2018	On-Board Diagnostic (OBD) System
4231		BAD XV05.2LR8	2011	On-Board Diagnostic (OBD) System
4232		DAD XV05.2LR8	2013	On-Board Diagnostic (OBD) System
4233		BAD XV05.2LR8	2011	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4234	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
4235	Ford Motor Company	FMX	New Submission	Superseded	12/5/2018 16:13:00	3/29/2019 9:11:40	FMX-DR-2018-0000690	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
4236	Hyundai Motor Company	HTX	New Submission	Submitted	12/6/2018 14:29:27		HTX-DR-2018-0000759	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GENESIS	G90 RWD	
4237	Mercedes Benz	MBX	New Submission	Submitted	12/7/2018 3:48:29		MBX-DR-2018-0000764	Defect Report	DR - On-Board Diagnostic (OBD) System			
4238	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X1 xDrive28i	
4239	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S HARDTOP 2 DOOR	
4240	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JCW COUNTRYMAN ALL4	
4241	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS CONVERTIBLE	
4242	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/11/2018 19:14:42		HNX-DR-2018-0000768	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT FWD	3.5L
4243	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT AWD	
4244	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX 4WD	
4245	BMW	BMX	New Submission	Submitted	12/20/2018 4:55:35		BMX-DR-2018-0000789	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	Mini JCW Paceman ALL4	
4246	General Motors LLC	GMX	New Submission	Submitted	12/19/2018 13:39:04		GMX-DR-2018-0000771	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			

	Q	R	S	T	U
	<p>Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.</p>			280	280
4235	Some 2018 model year 3.0L F-150 Diesel vehicles were built with a bypass valve flap within the EGR module that may become detached when screws back out. This can result in loss of EGR cooling and control.			10544	2
	<p>Some 2017, 2018MY G90 vehicles with 5.0L GDI engine may experience the intermittent faulty start under the certain RPM conditions. According to the investigation, This unusual poor start happens to vehicles when the noise signal appears during the initial ignition on/start. Hyundai will apply noise reduction logic to the Crank Shaft Position Sensor to improve this problem.</p>			1772	4
4236				22975	1107
4237	Daimler AG has determined that certain GLE-Class vehicles (166 platform) with 8-cylinder gasoline engine (M278) might experience a software error. For a plausible test result of the monitor of the downstream oxygen sensor, the monitor is intended to be aborted as soon as driving conditions (load) are no longer constant. However, the exit conditions of the monitor on these vehicles may				
	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.</p>	6/30/2017	10/30/2018	21020	21020
4238					
	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.</p>	2/28/2018	6/29/2019	13748	13748
4239					
	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.</p>	2/28/2018	6/29/2019	850	850
4240					
	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.</p>	2/28/2018	6/29/2019	850	850
4241					
4242	The evaporative canister filter may become blocked by the combination of accumulated dirt and snow if driven in an extremely dirty environment. The MIL may illuminate for P2422 "Evaporative Emission (EVAP) System Vent Shut Valve Close Malfunction".	6/20/2016	12/4/2017	152785	20
4243	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	6/20/2016	12/4/2017	129467	58
4244	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	9/23/2015	7/12/2016	17594	73
	<p>The affected part number 11538674895 relates to the Thermostat (including a map controlled heating element). This component has been used beginning with 07/2016 in production. It also has been used in service since 07/2016 as replacement part, whenever a component with part number 11537647751 used in production by 06/2016 was malfunctioning. Analysis have shown, that in about 100 percent of all cases for model year 2016 models listed above, the originally built thermostat (11537647751) was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion leads to an increased power resistance of the connecting (pin), which is detected by the OBD system including fault code storage and MIL illumination. After this thermostat malfunction is detected (confirmed), the thermostat is still mechanical controlled (wax elements melts due to rising engine cooling water temperature and not map controlled by the heating element anymore) as a conventional thermostat. The succeeding built in thermostat (11538674895) didn't show significant numbers of malfunctions as pre described and so could be handled as a robust hardware. The Weibull and valid failure values reported in this document for test group (BMKV01_6N18 and part number 11538674895 relates therefore to the built thermostat with part number 11537647751. Component with part number 11538674895 is a robust hardware and itself has/had no malfunction, but was/is working properly.</p>	6/30/2015	10/30/2016	13901	4782
4245	In certain vehicles a refrigerant leak may occur at the receiver/hydrator plug on the air conditioning system condenser. The suspected cause is a variation in thermal expansion properties between the plug and the condenser combined with a degradation of the sealing o-ring at low ambient temperatures.			53498	90

	A	B	C	D	E	F	G	H	I	J	K	L
4247	Audi	ADX	New Submission	Submitted	12/21/2018 10:02:15		ADX-DR-2018-0000801	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Audi	A3	
4248	Volkswagen	VWX	New Submission	Submitted	12/21/2018 10:11:10		VWX-DR-2018-0000802	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	Eos	
4249	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GOLF	
4250	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	TIGUAN	
4251	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GOLF	
4252	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	

	M	N	O	P
4247		DADXV02.03PA	2013	Air Inlet System (Including Turbo and Superchargers)
4248		EVWXV02.03SA	2014	Air Inlet System (Including Turbo and Superchargers)
4249		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
4250		DVWXI02.03UA	2013	On-Board Diagnostic (OBD) System
4251		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
4252		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>ComplaintMIL on Rattle noise from engine</p> <p>DTCs PresentP0299 - Turbocharger Underboost P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance P0234 - Turbocharger Overboost</p> <p>ComponentTurbocharger Part Number ? ProductionDADXX02.03PA:06J 145 713 F DVWXV02.03PA:06J 145 713 F EADXX02.03PA:06J 145 713 F EVMXV02.03SA:06J 145 713 F / 06J 145 713 AF</p> <p>Part Number ? Replacement06J 145 713 FX Part Number ? Analysis 06J 145 713 F AnalysisRusted control-rod (28.6%) Sticking control-rod (23.8%) Wastegate has too much play (9.5%) Control-rod loose by pin (4.6%) No Trouble Found (83.3%)</p>			12379	276
4247	<p>ComplaintMIL on Rattle noise from engine</p> <p>DTCs PresentP0299 - Turbocharger Underboost P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance P0234 - Turbocharger Overboost</p> <p>ComponentTurbocharger Part Number ? ProductionDADXX02.03PA:06J 145 713 F DVWXV02.03PA:06J 145 713 F EADXX02.03PA:06J 145 713 F EVMXV02.03SA:06J 145 713 F / 06J 145 713 AF</p> <p>Part Number ? Replacement06J 145 713 FX Part Number ? Analysis 06J 145 713 F AnalysisRusted control-rod (28.6%) Sticking control-rod (23.8%) Wastegate has too much play (9.5%) Control-rod loose by pin (4.6%) No Trouble Found (83.3%)</p>			3409	70
4248	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			3	3
4249	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			185	185
4250	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
4251	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			3	3
4252	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			3	3

	A	B	C	D	E	F	G	H	I	J	K	L
4253	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE CONVERTIBLE	
4254	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	JETTA SPORTWAGEN	
4255	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3 quattro	
4256	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A5 quattro	
4257	Mercedes Benz	MBX	New Submission	Submitted	6/18/2019 7:02:30		MBX-DR-2019-0000440	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
4258	BMW	BMX	Correction	Submitted	7/4/2019 3:05:05		BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	M850i xDrive Convertible	
4259	BMW	BMX	Correction	Submitted	7/4/2019 3:05:05		BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive50i	
4260	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	1.5L
4261	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
4262	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
4263	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
4264	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4265	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4266	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
4253		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
4254		DVWXV02.5A59	2013	On-Board Diagnostic (OBD) System
4255		JVGAV02.0AFA	2018	Electrical Wiring, Sensor, and Actuator Systems
4256		HVGAJ02.0AUF	2017	Electrical Wiring, Sensor, and Actuator Systems
4257		FMBXT05.5U2A	2013	Exhaust System (Other than EGR and Catalyst Systems)
4258		KBMXJ04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4259		KBMXJ04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4260		GHNXV03.5KX3	2016	On-Board Diagnostic (OBD) System
4261	CVT	GHNXV01.53H2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4262		JHNXV01.5TH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4263		HHNXV01.5562	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4264		AMBXT03.0HD2	2010	Electrical Wiring, Sensor, and Actuator Systems
4265		DMBXT03.0HD2	2013	Electrical Wiring, Sensor, and Actuator Systems
4266		DMBXT03.0HD1	2013	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U	
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DWWXUJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DWWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DWWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DWWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DWWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DWWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				3	3
4253	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DWWXUJ02.03UAAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DWWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DWWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DWWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DWWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DWWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>				3	3
4254	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30- SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K-version 0001 Beetle -06K.906.016.B-version 9610 Passat?06K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001?0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>				8360	8360
4255	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30- SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K-version 0001 Beetle -06K.906.016.B-version 9610 Passat?06K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30- SW part number 8V0.907.115.B_0001?0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat-06K.906.016.C-version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>				32328 7757	32328 21
4256	<p>DAG has determined that the depressed valve system (exhaust) could cause increased lateral forces in the valve guide, which increase wear in the guide and can lead to wear of the seat ring. In this case, the tightness of the combustion chamber (valve to seat ring) could be impaired. In case of an untight combustion chamber, misfires could occur leading to a deactivation of the respective</p>					
4257	<p>Wrong screwing/connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario: During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018	6/4/2019		100	100
4258	<p>Wrong screwing/connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario: During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018	6/4/2019		100	100
4259	<p>Wrong screwing/connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario: During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018	6/4/2019		100	100
4260	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	8/17/2015	6/24/2016		16534	33
4261	<p>Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate</p>	9/28/2015	10/10/2016		57135	31
4262	<p>Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate</p>	8/2/2017			31406	8
4263	<p>Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate</p>	7/28/2016	10/3/2017		42097	27
4264	<p>DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1)Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2)Crack due to therm</p>				201	72
4265	<p>DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1)Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2)Crack due to therm</p>				5463	374
4266	<p>DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1)Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nerst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2)Crack due to therm</p>				12601	760

	A	B	C	D	E	F	G	H	I	J	K	L
4267	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
4268	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
4269	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	
4270	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Coupe	
4271	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i xDrive	
4272	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	

	M	N	O	P
4267		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
4268		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
4269		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
4270		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
4271		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
4272		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
4273	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	
4274	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i	
4275	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
4276	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Coupe	
4277	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive	
4278	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 M55i	

	M	N	O	P
4273		LBMX03.0B07	2020	On-Board Diagnostic (OBD) System
4274		KBMX02.0B4X	2019	On-Board Diagnostic (OBD) System
4275		KBMX02.0B4X	2019	On-Board Diagnostic (OBD) System
4276		KBMX02.0B4X	2019	On-Board Diagnostic (OBD) System
4277		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
4278		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4279	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Convertible	
4280	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive	
4281	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i	
4282	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	
4283	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	
4284	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive Gran Turismo	

	M	N	O	P
4279		JBMX02.084X	2018	On-Board Diagnostic (OBD) System
4280		GBMXV03.0B58	2016	On-Board Diagnostic (OBD) System
4281		GBMXV03.0B58	2016	On-Board Diagnostic (OBD) System
4282		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
4283		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
4284		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4285	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	
4286	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	
4287	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	750i xDrive (SWB)	
4288	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	Navigator 4WD	
4289	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	NAUTILUS AWD	
4290	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 9:53:24		VGA-DR-2019-0000161	Defect Report	DR - Emission Control Information Label	Audi	A4	
4291	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Cont Supersports Convertible	
4292	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental Flying Spur	
4293	Mercedes Benz	MBX	New Submission	Submitted	8/8/2019 2:55:16		MBX-DR-2019-0000614	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
4294	Mercedes Benz	MBX	New Submission	Submitted	8/8/2019 2:55:16		MBX-DR-2019-0000614	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
4295	FCAUS LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass X 4X4	
4296	FCAUS LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass X42	
4297	Mazda Motor Corporation	TXX	New Submission	Submitted	7/5/2019 0:36:11		TXX-DR-2019-0000502	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	MAZDA	MAZDA6	
4298	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:59:37		GMX-DR-2019-0000515	Defect Report	DR - Crankcase Ventilation System			

	M	N	O	P
4285		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System
4286		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System
4287		LBMXV04.4N63	2020	On-Board Diagnostic (OBD) System
4288		KFMXT03.54HF	2019	On-Board Diagnostic (OBD) System
4289		KFMXT02.72J/Q	2019	On-Board Diagnostic (OBD) System
4290		KVGAV02.0A7C	2019	Emission Control Information Label
4291		CBEKV06.0501	2012	Exhaust System (Other than EGR and Catalyst Systems)
4292		DBEXV06.0501	2013	Exhaust System (Other than EGR and Catalyst Systems)
4293		EMBXV01.8U2A	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4294		DMBXV01.8U2A	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4295		HCRXV02.45P1	2017	Electrical Wiring, Sensor, and Actuator Systems
4296		JCRXV02.45P1	2018	Electrical Wiring, Sensor, and Actuator Systems
4297		KTKXV02.5CDA	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
4298		GGMXV02.4151	2016	Crankcase Ventilation System

	Q	R	S	T	U
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	1110	1110
4205					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	1110	1110
4206					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	21	21
4207					
4208	Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.			1430	1430
4209	Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.			407	407
	<p>Complaint: No known complaints. DTCs Present: Does not apply Component: Vehicle Emission Certification Information (VECI) Label Part Number ? Production: SWO 010 504 N Part Number ? Replacement: SWO 010 504 AB Part Number ? Analysis: Does not apply Analysis: Due to carline model changes in the certification application, early production vehicles were produced and sold with VECI labels that require an update to the test group.</p>			321	321
4290					
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			2062	135
4291					
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			692	41
4292	Daimler AG has determined that on certain vehicles with 4-cylinder gasoline engine the camshaft adjuster function could be impaired due to wear of mechanical components. Wear is indicated by noticeable noises during engine start. Advanced wear may cause delayed engine starts that would lead to an illumination of the Check Engine Light (MIL) and subsequently to a deactivation of			44887	1105
4293	Daimler AG has determined that on certain vehicles with 4-cylinder gasoline engine the camshaft adjuster function could be impaired due to wear of mechanical components. Wear is indicated by noticeable noises during engine start. Advanced wear may cause delayed engine starts that would lead to an illumination of the Check Engine Light (MIL) and subsequently to a deactivation of			58724	1767
4294	Some 2017 - 2019 MY Jeep Compass (PMP??) vehicles, equipped with Stop-Start Dual Battery System (sales code XHZ) may experience a malfunction indicator lamp ("MIL"), P153F - engine hood switch 2/engine hood switch 1 correlation and/or engine start stop disabled with a message displayed in the cluster due to a mis-alignment of the striker plate to hood switch.			37639	59
4295	Some 2017 - 2019 MY Jeep Compass (PMP??) vehicles, equipped with Stop-Start Dual Battery System (sales code XHZ) may experience a malfunction indicator lamp ("MIL"), P152F - engine hood switch 2/engine hood switch 1 correlation and/or engine start stop disabled with a message displayed in the cluster due to a mis-alignment of the striker plate to hood switch.			189016	231
4297	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes while driving. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire and loss of po			19685	0
4298	Oil sludge accumulation in the primary PCV circuit, combined with ice accumulation in the secondary PCV circuit, can cause elevated crankcase pressure that forces oil to leak from rear crankshaft seal.			54954	129

	A	B	C	D	E	F	G	H	I	J	K	L
4299	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 13:35:32		KMX-DR-2019-0000635	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Niro Touring	
4300	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4x4	
4301	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4302	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4303	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4304	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4305	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	

	M	N	O	P
4299		JKM XV01.6D43	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4300		JCR XV05.75P2	2018	Exhaust System (Other than EGR and Catalyst Systems)
4301		CCR XV03.6UPA	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4302		DCR XV03.6VP0	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4303		CCR XV05.7UP0	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4304		BCR XV05.7UP0	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4305		FCR XV05.75P1	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Some 2018 model year Hyundai IONIQ Hybrid 1.6L vehicles have experienced malfunction indicator light (MIL) illumination accompanied by diagnostic trouble code P0455. According to the warranty parts investigation, a salt crystal that was located inside of poppet seal of NVLD was observed. Hyundai found out the salt crystal made poppet valve of NVLD stuck and did not detect very small leak in evaporative system. It is assumed that the salt crystal has been originated from the contents of sea breeze and fog coming from the California coast area.</p> <p>4290 To improve this matter, Hyundai will develop a countermeasure part and publish a Technical Service Bulletin to provide repair information to Hyundai dealers and will replace the affected NVLDs and filters by service action.</p>			144883	162
	<p>Some 2014-2019MY Ram 1500 ("DS") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p> <p>4300</p>			147677	7
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>4301 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			1645	1645
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>4302 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			2570	2570
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>4303 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			8112	8112
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>4304 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			4493	4493
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>4305 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			3552	3552

	A	B	C	D	E	F	G	H	I	J	K	L
4306	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4307	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
4308	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SE	
4309	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson 4WD	
4310	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	
4311	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 10:44:06		VGA-DR-2019-0000711	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Beetle Convertible	

	M	N	O	P
4306		DCRXV05.7VP1	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4307		JHYXV02.41WS	2018	Electrical Wiring, Sensor, and Actuator Systems
4308		JHYXV02.4AUS	2018	Electrical Wiring, Sensor, and Actuator Systems
4309		EHYXT02.41UE	2014	Electrical Wiring, Sensor, and Actuator Systems
4310		EHYXV02.41WE	2014	Electrical Wiring, Sensor, and Actuator Systems
4311		FVGAV02.0VAL	2015	Selective Catalytic Reduction System

	Q	R	S	T	U
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>4306 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			8811	8811
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>4307 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			87651	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>4308 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			74480	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>4309 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			24066	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage..</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>4310 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			61009	0
	<p>Complaint: MIL and/or AdBlue inducement warning on. AdBlue leaking from engine compartment.</p> <p>DTCs Present: P20E8 (Reductant Pressure Too Low)</p> <p>Component: AdBlue Supply Line</p> <p>Part Number ? Production: SQD 131 984 E</p> <p>SCD 131 984 B</p> <p>561 131 984 D</p> <p>Part Number ? Analysis: SQD 131 984 E</p> <p>SCD 131 984 B</p> <p>561 131 984 D</p> <p>Part Number ? Replacement: SQD 131 984 E</p> <p>SCD 131 984 B</p> <p>561 131 984 D</p> <p>Analysis: Leak at welded joint near the quick connector (to AdBlue Dosing Injector) due to glue residue contamination on the AdBlue supply line during manufacturing.</p> <p>Consequential replacement of the dosing injector (B4L 131 113 Q) due to damage incurred from a supply line leak or improper diagnosis of the leak source. AdBlue residue forming at injector flange.</p> <p>4311</p>			36485	7654

	A	B	C	D	E	F	G	H	I	J	K	L
4312	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 10:44:06		VGA-DR-2019-0000711	Defect Report	DR - Selective Catalytic Reduction System	Audi	A3	
4313	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A8L	
4314	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	Q7	
4315	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A8L	
4316	Porsche AG	PRX	New Submission	Submitted	9/11/2019 14:31:38		PRX-DR-2019-0000695	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-Hybrid ST	
4317	BMW	BMX	New Submission	Submitted	7/10/2019 9:19:21		BMX-DR-2019-0000508	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
4318	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			

	M	N	O	P
4312		FVGAV02.0VAL	2015	Selective Catalytic Reduction System
4313		FVGAV03.0AUJ	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4314		JVGAI03.0AUJ	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4315		HVGAV03.0AUJ	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4316		KPRXV02.9PH6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4317		HBMXV02.0N47	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4318		BMBKT03.0U28	2011	Air Inlet System (including Turbo and Superchargers)

	Q	R	S	T	U
4312	<p>Complaint: MIL and/or AdBlue inducement warning on. AdBlue leaking from engine compartment.</p> <p>DTCs Present: P20E8 (Reductant Pressure Too Low)</p> <p>Component: AdBlue Supply Line</p> <p>Part Number ? Production: SQD 131 984 E</p> <p>SCD 131 984 B</p> <p>561 131 984 D</p> <p>Part Number ? Analysis: SQD 131 984 E</p> <p>SCD 131 984 B</p> <p>561 131 984 D</p> <p>Part Number ? Replacement: SQD 131 984 E</p> <p>SCD 131 984 B</p> <p>561 131 984 D</p> <p>Analysis: Leak at welded joint near the quick connector (to AdBlue Dosing Injector) due to glue residue contamination on the AdBlue supply line during manufacturing.</p> <p>Consequential replacement of the dosing injector [04L 131 113 Q] due to damage incurred from a supply line leak or improper diagnosis of the leak source. AdBlue residue forming at injector flange.</p>			36485	7654
4313	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): FVGAV03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement: 06E198201B (includes: left fuel rail 06E.133.681.L and right fuel rail 06E.133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>FVGAV03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p> <p>Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.</p>			3194	3194
4314	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): FVGAV03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement: 06E198201B (includes: left fuel rail 06E.133.681.L and right fuel rail 06E.133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>FVGAV03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p> <p>Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.</p>			32	32
4315	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): FVGAV03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement: 06E198201B (includes: left fuel rail 06E.133.681.L and right fuel rail 06E.133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>FVGAV03.0AU: 06E130089AA, 06E130090AD; GVGAV03.0AU: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU: 06E130089Q, 06E130090T; JVGAI03.0AU: 06E130089AH, 06E130090AL.</p> <p>Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.</p>			10381	10381
4316	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2018	4/30/2019	203	0
4317	<p>Analyses have shown, that in about 43% of all cases the component fuel injector was replaced due to a valid malfunction of the component fuel injector itself. Based on poor diesel fuel quality an extended plate-out/coat inside the injector is possible. This coat results in an increased pilot injections correction. If the adaption limit monitoring/corrected energizing time exceeds a time threshold (e.g. 250 Tsec), a corresponding OBD fault code (e.g. DTC P0220 for injector 1) including MIL illumination is set (injection quantity monitoring ?Zero Fuel Calibration [ZFC]). In about 50% of all cases the component injector was replaced besides the malfunctioning component high pressure fuel pump (according service instruction) due to contamination of the high/low pressure system with cuttings (please see also e.g. IDIR-0F-M47/N57-0267 or EDIR-OH-N57-0324). In the other about 7% the component fuel injector was replaced without any valid reason (e.g. no corresponding fault code indicating a malfunctioning fuel injector).</p>	6/30/2016	6/29/2017	1502	269
4318	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			4998	178

	A	B	C	D	E	F	G	H	I	J	K	L
4319	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4320	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	328d xDrive Sports Wagon	
4321	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	328d xDrive	
4322	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chevrolet	MALIBU	
4323	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Buick	REGAL	
4324	FCA US LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4x4	2.4L (ED3)
4325	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:46:03		NSX-DR-2019-0000194	Defect Report	DR - Catalyst System	NISSAN	ALTIMA	
4326	Jaguar Land Rover Limited	JLX	Correction	Submitted	4/23/2019 10:06:08		JLX-DR-2019-0000103	Defect Report	DR - On-Board Diagnostic (OBD) System			
4327	Mercedes Benz	MBX	New Submission	Submitted	5/6/2019 1:42:31		MBX-DR-2019-0000320	Defect Report	DR - Selective Catalytic Reduction System			
4328	Mercedes Benz	MBX	New Submission	Submitted	8/2/2019 10:36:16		MBX-DR-2019-0000671	Defect Report	DR - Hybrid Vehicle System			
4329	General Motors LLC	GMX	New Submission	Submitted	3/12/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4330	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4331	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4332	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4333	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4334	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4335	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4336	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4337	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4338	Audi	ADX	New Submission	Submitted	8/12/2019 15:05:28		ADX-DR-2019-0000631	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	A6 quattro	
4339	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 7:49:10		GMX-DR-2019-0000342	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			

	M	N	O	P
4319		DMBXV03.0U2B	2013	Air Inlet System (Including Turbo and Superchargers)
4320		GBMXV02.0N47	2016	Electrical Wiring, Sensor, and Actuator Systems
4321		GBMXV02.0N47	2016	Electrical Wiring, Sensor, and Actuator Systems
4322		HGMXV01.5002	2017	Electrical Wiring, Sensor, and Actuator Systems
4323		JGMXV02.0031	2018	Electrical Wiring, Sensor, and Actuator Systems
4324 Automatic (DA4)		HCRXV02.45P1	2017	Electrical Wiring, Sensor, and Actuator Systems
4325		KNSXV02.5RPA	2019	Catalyst System
4326		JLXT02.0RTV	2018	On-Board Diagnostic (OBD) System
4327		DMBXT03.0HD2	2013	Selective Catalytic Reduction System
4328		FMBXV03.0HY1	2015	Hybrid Vehicle System
4329		GGMXV05.3382	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4330		ECRXV03.65P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4331		ECRXV06.45P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4332		FCRXV03.65P0	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4333		FCRXV01.45P1	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4334		FCRXV03.65PA	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4335		HCRXT02.45P0	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4336		GCRXV06.45P1	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4337		ECRXV03.65PA	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4338		EADXV03.04UG	2014	Exhaust Gas Recirculation (EGR) System
4339		EGMXV06.2087	2014	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shut-off actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			1267	32
4319	<p>Following NOx sensor components have been introduced into production and as spare parts in service during the specific time periods:</p> <p>10/13 - 07/16: NOx sensor (downstream) with part number 13628576469 (models 328d and X5 xDrive35d), NOx sensor (downstream) with part number 13628576470 (model X3 xDrive28d), NOx sensor (downstream) with part number 13628576471 (models 535d and 740Ld xDrive) NOx sensor (upstream) with part number 13628576471 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>07/16 - now: NOx sensor (upstream) with part number 13628589846 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d) NOx sensor (downstream) with part number 13628589845 (model X3 xDrive28d) NOx sensor (downstream) with part number 13628589844 (models 328d and X5 xDrive35d) NOx sensor (downstream) with part number 13628589846 (models 535d and 740Ld xDrive)</p> <p>Components with part numbers 13628589844, 13628589845, 13628589846 are improved / more robust NOx sensors, which have been used as spare part in service since 07/2016, whenever NOx sensors with above listed part numbers used before 07/16 were malfunctioning. Analysis have shown that component NOx sensor (up- and downstream) with above listed part numbers used before 07/16 have been replaced due to a Magnesium intoxication (major root cause of all malfunctions) as well as due to other permanent or temporarily errors as electrical malfunctions (short to ground or open circuit), all with a corresponding OBD fault code storage and MIL illumination.</p>				
4320	<p>Since 07/16 the component NOx sensor up- and downstream with part numbers 13628589844, 13628589845, 13628589846 have been used in production and as spare parts in service. Those components have/had no malfunctions and are/were working properly.</p>	6/30/2015	6/29/2016	1579	513
4321	<p>Following NOx sensor components have been introduced into production and as spare parts in service during the specific time periods:</p> <p>10/13 - 07/16: NOx sensor (downstream) with part number 13628576469 (models 328d and X5 xDrive35d), NOx sensor (downstream) with part number 13628576470 (model X3 xDrive28d), NOx sensor (downstream) with part number 13628576471 (models 535d and 740Ld xDrive) NOx sensor (upstream) with part number 13628576471 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>07/16 - now: NOx sensor (upstream) with part number 13628589846 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d) NOx sensor (downstream) with part number 13628589845 (model X3 xDrive28d) NOx sensor (downstream) with part number 13628589844 (models 328d and X5 xDrive35d) NOx sensor (downstream) with part number 13628589846 (models 535d and 740Ld xDrive)</p> <p>Components with part numbers 13628589844, 13628589845, 13628589846 are improved / more robust NOx sensors, which have been used as spare part in service since 07/2016, whenever NOx sensors with above listed part numbers used before 07/16 were malfunctioning. Analysis have shown that component NOx sensor (up- and downstream) with above listed part numbers used before 07/16 have been replaced due to a Magnesium intoxication (major root cause of all malfunctions) as well as due to other permanent or temporarily errors as electrical malfunctions (short to ground or open circuit), all with a corresponding OBD fault code storage and MIL illumination.</p>	6/30/2015	6/29/2016	1579	513
4322	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			165032	6679
4323	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			22208	175
4324	Some 2016-2017 Jeep Compass/Patriot (MC) vehicles with a 2.4L engine (ED3) and automatic transmission (D44) may have a Transmission Range Sensor (TRS) that will set a MIL and DTC Codes P0705 (TRSA Circuit (PRNDL Input)) and/or P0706 (TRSP Performance), due to a terminal flatness issue on the sensor.			53513	340
4325	An incorrect specification front exhaust tube (with catalytic converter included) may have been installed on a limited number of 2019 Nissan Altima vehicles. This error is due to the part pick area operator sending non-US parts to the assembly line to support a trial build.	10/25/2018	10/25/2018	48	6
4326	<p>Cold Start Neutral, where idle speed is elevated to warm the catalytic converter quickly, may be inhibited without triggering the Malfunction Indicator Light. Cold Start Neutral is inhibited when the data signal from the Gear Shift Module or Anti-lock Brake System are invalid.</p> <p>MIL illumination does not occur.</p> <p>Revision: Further investigation has confirmed that in all known operating instances the Powertrain Control Module detects the fault and does successfully trigger MIL illumination. Further investigation has established that there is no defect present as was originally described below.</p>			0	0
4327	<p>Certain vehicles of model NCV3 could experience thermal damage of the SCR metering valve and SCR metering line. This could be due to two different root causes:</p> <p>1. The defect can be the consequence of escaping hot exhaust gas is a result of loose and defective components on the exhaust system (decoupling element corroded, pipe clamp or NOx sensor loose after previous repair). As a result of the defect, no pressure can be built up in the SCR metering line. This is then detected through the diagnosis of the SCR delivery module and the MIL is activated.</p> <p>2. The defect could be the consequence of a 7misuse-scenario??, where an incorrect fueling of otto-fuel into the diesel fuel tank can lead to increased temperatures on the exhaust side and thus damage the SCR metering valve and metering line. In this case, the correct amount of AdBlue cannot be supplied to the exhaust system any more. The malfunction would be detected through the diagnosis of the SCR metering valve and the MIL would be illuminated.</p> <p>In both aforementioned cases, the SCR warning scenario is activated, which initiates the start limit with a count down of 12 max. possible vehicle starts. In both cases, performance and vehicle speed are not limited</p>			6577	340
4328	On certain six-cylinder plug-in hybrid vehicles (S550 Hybrid, S550 e and GLE550 e 4MATIC) the temperature sensor in the electric machine may send implausible values due to temporary short circuit at the contact. In case of the described defect, the Check Engine Light (MIL) would be illuminated, prompting the driver to visit a servicing dealer, and the maximum power of the hybrid system would be limited.			156	1
4329	In certain vehicles and under certain conditions, the engine's fuel injectors may deliver an improper amount of fuel. The typical identified fuel injector failures are due to wear on the armature caused by a combination of a vibration in the armature and the propensity of the armature to spin on the pintle perch.			72479	1150
4330	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			284104	693
4331	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			5448	12
4332	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			371890	1003
4333	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			25986	25
4334	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			259344	610
4335	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			107963	78
4336	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			26024	8
4337	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electrical circuit malfunction).			367617	1071
4338	<p>-Complaint: No known customer complaint -Component: EGR Cooler and Valve Assembly -Possible DTCs Present: No DTCs present -Due to a parts catalog error, an incorrect EGR Cooler and Valve Assembly may have been installed on some vehicles during a past service repair visit. Audi will inspect, and if needed replace the component as a proactive measure to ensure continued emissions compliance.</p> <p>-Incorrect Part Number: EGR Cooler (059 131 515 F) -Correct Part Number: EGR Cooler (059 131 515 FP)</p>			36	36
4339	In some cases, over time, fretting dust can get into the supercharger bearing and stick in the bearing grease, contaminating the grease and acting as an abrasive agent to the rollers in the bearing. The contaminated grease then may fail to adequately lubricate the bearing. With inadequate lubrication, the bearing may begin to squeal. If left unaddressed, the bearing may overheat and seize.			2116	248

	A	B	C	D	E	F	G	H	I	J	K	L
4340	Kia Motors Corporation	KMX	Correction	Submitted	8/13/2019 14:34:36		KMX-DR-2019-0000636	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger AWD	
4341	Kia Motors Corporation	KMX	Correction	Submitted	8/13/2019 14:34:36		KMX-DR-2019-0000636	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger	
4342	BMW	BMX	New Submission	Submitted	9/2/2019 11:40:48		BMX-DR-2019-0000620	Defect Report	DR - Hybrid Vehicle System	BMW	i8 Coupe	
4343	BMW	BMX	New Submission	Submitted	9/2/2019 11:40:48		BMX-DR-2019-0000620	Defect Report	DR - Hybrid Vehicle System	BMW	i8 Roadster	
4344	BMW	BMX	New Submission	Submitted	9/2/2019 11:40:48		BMX-DR-2019-0000620	Defect Report	DR - Hybrid Vehicle System	BMW	i3 with Range Extender	
4345	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro Touring	
4346	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
4347	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
4348	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro Touring	
4349	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
4350	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq	
4351	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro Touring	
4352	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
4353	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq	
4354	Kia Motors Corporation	KMX	New Submission	Submitted	8/15/2019 10:54:09		KMX-DR-2019-0000640	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sedona	
4355	Kia Motors Corporation	KMX	New Submission	Submitted	8/15/2019 11:02:55		KMX-DR-2019-0000641	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Porte	
4356	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:37:13		HYX-DR-2019-0000643	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Genesis RWD	

	M	N	O	P
4340		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4341		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4342		KBMXV01.5IBP	2019	Hybrid Vehicle System
4343		KBMXV01.5IBP	2019	Hybrid Vehicle System
4344		KBMXV00.6IBR	2019	Hybrid Vehicle System
4345		KKMXV01.6L13	2019	On-Board Diagnostic (OBD) System
4346		JKMXV01.6D43	2018	On-Board Diagnostic (OBD) System
4347		JKMXV01.6D43	2018	On-Board Diagnostic (OBD) System
4348		HKMXV01.6D43	2017	On-Board Diagnostic (OBD) System
4349		HKMXV01.6D43	2017	On-Board Diagnostic (OBD) System
4350		HKMXV01.6D43	2017	On-Board Diagnostic (OBD) System
4351		JKMXV01.6D43	2018	On-Board Diagnostic (OBD) System
4352		JKMXV01.6D43	2018	On-Board Diagnostic (OBD) System
4353		JKMXV01.6D43	2018	On-Board Diagnostic (OBD) System
4354		LKMXT03.3KJ5	2020	Computer Related (Other than On-Board Diagnostic (OBD) System)
4355		KKMXV02.0CC3	2019	On-Board Diagnostic (OBD) System
4356		GHYXV03.81P6	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)

	A	B	C	D	E	F	G	H	I	J	K	L
4357	FCA US LLC	CRX	Correction	Submitted	3/22/2019 7:54:58		CRX-DR-2019-0000217	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	
4358	FCA US LLC	CRX	New Submission	Submitted	3/22/2019 10:26:44		CRX-DR-2019-0000221	Defect Report	DR - On-Board Diagnostic (OBD) System			
4359	FCA US LLC	CRX	New Submission	Submitted	3/22/2019 10:26:44		CRX-DR-2019-0000221	Defect Report	DR - On-Board Diagnostic (OBD) System			
4360	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 14:56:41		KMX-DR-2019-0000638	Defect Report	DR - Catalyst System	HYUNDAI	Veloster	
4361	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	PATHFINDER 4WD	
4362	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/26/2019 15:44:39		JLX-DR-2019-0000665	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
4363	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Passat	
4364	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q5	
4365	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A5 quattro	
4366	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A4 quattro	

	M	N	O	P
4357		JCRXT03.65P3	2018	On-Board Diagnostic (OBD) System
4358		KCRXV06.45P0	2019	On-Board Diagnostic (OBD) System
4359		KCRXV05.75P3	2019	On-Board Diagnostic (OBD) System
4360		FKMXV01.6DBE	2015	Catalyst System
4361		HN5XT03.5P7B	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4362		JJLXT02.0RTV	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4363		EWXV02.03PA	2014	Drivetrain/Transmission System
4364		DADXJ02.0FUB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4365		DADXJ02.0FUB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4366		DADXJ02.0FUB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
	<p>In Voluntary Safety Recall U73, some 2017-2018 MY Chrysler Pacifica PHEV vehicles contain Powertrain Control ("PCM") Software that does not remove positive torque requests from the engine controller if the CAN-C bus stops communicating while the cruise control is requesting positive torque. In the instance of a short in the vehicle causing the CAN-C bus to stop communicating while the cruise control is active and the vehicle speed is below the set speed such that the cruise control system is requesting positive torque at the exact moment of the short, it is possible for a positive torque request to be locked on the PCM which may result in either the vehicle maintaining its current speed or possibly accelerating. If the driver does not shift to neutral or apply the brakes to stop the vehicle this condition can cause a vehicle crash without warning.</p> <p>4352 The vehicles noted above may also have Battery Pack Control Module ("BPCM") software that allows Permanent Fault Codes ("PFC") to clear immediately after a Mode S04 is executed.</p> <p>4353 Some 2019 MY Dodge Challenger (7LA??) and Charger (7LD??) and Chrysler 300 (7LX??) vehicles may have been built with an instrument cluster that has an inadvertently disabled watchdog, which may allow a lockup condition to occur. Lockups have been confirmed to happen during sleep, wake, and ignition cycles, but the potential exists during any event that would have caused a reset.</p> <p>4359 Some 2019 MY Dodge Challenger (7LA??) and Charger (7LD??) and Chrysler 300 (7LX??) vehicles may have been built with an instrument cluster that has an inadvertently disabled watchdog, which may allow a lockup condition to occur. Lockups have been confirmed to happen during sleep, wake, and ignition cycles, but the potential exists during any event that would have caused a reset.</p>				1146311463
	<p>Some 2015 model year Rio/Soul vehicles equipped with 1.6 liter engines have experienced a malfunction indicator lamp (MIL) illumination with the diagnostic trouble code P0420, indicating a catalyst system. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection (COP) logic could be a cause of this issue.</p> <p>4360 To improve this matter, Kia has been reprogramming the ECU data with improved COP condition to protect and replace the catalyst converter on vehicles with malfunctioning indicator light (MIL) illumination (diagnostic trouble code P0420) through a dealer service campaign since April 2019.</p> <p>4361 On some 2017-2018 Nissan Pathfinder and Infiniti QX60 vehicles, customers are experiencing MIL illumination related to low fuel system pressure (P0087), when a problem does not exist. Nissan has investigated and found that, under certain conditions (fuel level below 1/2 tank), the low fuel system pressure is detected because the low fuel level was not properly stored as part of the mo</p>				83698479
	<p>Excessive wear on internal component of the Intake Variable Camshaft Timing Solenoid may lead to premature failure of the solenoid.</p> <p>As component wears correct operation of the solenoid may be affected leading to Malfunction Indicator Light (MIL) illumination.</p> <p>Where wear is sufficient to prevent correct operation, MIL illumination will occur.</p> <p>4362 Excessive wear has been attributed to internal component material selection of bronze graphite.</p>				24412373
	<p>Complaint: Delayed shift and noise coming from transmission. In some situations, the MIL is turned on.</p> <p>DTCs Present: P0721 (Output Speed Sensor Circuit Range/Performance)</p> <p>P0731 (Gear 1 incorrect Ratio)</p> <p>Component: TCM Software</p> <p>Part Number ? Production: 09G927749A 2856 / 09G927749B 2855</p> <p>Part Number ? Replacement: 09G927749AM 3132 / 09G927749AN 3133</p> <p>Part Number ? Analysis: 09G927749A 2856 / 09G927749B 2855</p> <p>Analysis: Insufficient lubrication found when vehicle is operated at low ambient temperatures. This may cause damage to the roller bearings of the transmission output shaft.</p> <p>The following Field Fixes were issued to disclose this topic:</p> <p>FF_EV2.0VBD_06_16</p> <p>FF_EV2.03PA_15_19</p> <p>4363 FF_EV2.0B5F_14_19</p>				9112191121
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number ? 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number ? Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number ? Analysis: Not applicable</p> <p>4364 Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.</p>				4908924978
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number ? 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number ? Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number ? Analysis: Not applicable</p> <p>4365 Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.</p>				4908924978
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number ? 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number ? Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number ? Analysis: Not applicable</p> <p>4366 Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.</p>				4908924978

	A	B	C	D	E	F	G	H	I	J	K	L
4367	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A5 quattro	
4368	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	Q5	
4369	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	Q5	
4370	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A4 quattro	
4371	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S Sport Turismo	3.9L
4372	Porsche AG	PRX	New Submission	Submitted	9/11/2019 9:47:32		PRX-DR-2019-0000684	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayman GTS	2.5L
4373	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera 4	3L
4374	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/17/2019 15:42:34		VGA-DR-2019-0000708	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	R55 Cabriolet	
4375	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/17/2019 15:42:34		VGA-DR-2019-0000708	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	R55 Cabriolet	

	M	N	O	P
4367		EADKV02.03UB	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
4368		DADXT02.04UB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4369		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4370		FVGAJ02.0AUF	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4371 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4372 Automatic and Manual		JPRXV02.5EB2	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4373 Automatic and Manual		JPRXV03.0C91	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4374		FVGAV04.2NLB	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4375		FVGAV04.2NLB	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
4367	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			21447	10462
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
4368	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			436	241
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
4369	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			59870	31932
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present: Not applicable</p> <p>Component: ECM Software Update</p> <p>Part Number 7 19M1: 8R1 907 115 P_0002</p> <p>8K5 907 115 M_0004</p> <p>8K5 907 115 M_0005</p> <p>4G0 907 115 N/P_0005</p> <p>8R1 907 115 B_0006</p> <p>8K5 907 115 C_0007</p> <p>8K5 907 115 F_0008</p> <p>Part Number 7 Replacement: 8K5 907 115 N_0003</p> <p>8R1 907 115 L_0003</p> <p>4G0 907 115 N_0003</p> <p>4G0 907 115 P_0003</p> <p>8K5 907 115 M_0003</p> <p>8K5 907 115 Q_0001</p> <p>8R1 907 115 N_0001</p> <p>8K5 907 115 P_0001</p> <p>Part Number 7 Analysis: Not applicable</p>				
4370	Analysis: In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			59870	31932
4371	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
4372	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	6466	0
4373	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	5404	0
	<p>Complaint: Customer complaints related to a rattle heard from transmission at idle speed along with a rough/harsh shift behavior experienced during deceleration and when coming to a stop. In some situations the MIL is turned on.</p> <p>DTCs Present: P281C (Pressure Control Solenoid "H" Control Circuit Range/Performance)</p> <p>P2728 (Pressure Control Solenoid "E" Control Circuit Range/Performance)</p> <p>P2737 (Pressure Control Solenoid "F" Control Circuit Range/Performance)</p> <p>P2813 (Pressure Control Solenoid "G" Control Circuit Range/Performance)</p> <p>Component: TCM Software</p> <p>Part Number 7 Production: 8T0927156H/0005</p> <p>Part Number 7 Replacement: 8T0927156H/0006</p> <p>Part Number 7 Analysis: 8T0927156H/0005</p> <p>Analysis: In affected vehicles, thermal management and solenoid valve pressure in the transmission may cause a rough/harsh shifting behavior during deceleration and when stopping the vehicle.</p>			1044	23
4374					
	<p>Complaint: Customer complaints related to a rattle heard from transmission at idle speed along with a rough/harsh shift behavior experienced during deceleration and when coming to a stop. In some situations the MIL is turned on.</p> <p>DTCs Present: P281C (Pressure Control Solenoid "H" Control Circuit Range/Performance)</p> <p>P2728 (Pressure Control Solenoid "E" Control Circuit Range/Performance)</p> <p>P2737 (Pressure Control Solenoid "F" Control Circuit Range/Performance)</p> <p>P2813 (Pressure Control Solenoid "G" Control Circuit Range/Performance)</p> <p>Component: TCM Software</p> <p>Part Number 7 Production: 8T0927156H/0005</p> <p>Part Number 7 Replacement: 8T0927156H/0006</p> <p>Part Number 7 Analysis: 8T0927156H/0005</p> <p>Analysis: In affected vehicles, thermal management and solenoid valve pressure in the transmission may cause a rough/harsh shifting behavior during deceleration and when stopping the vehicle.</p>			1044	23
4375					

	A	B	C	D	E	F	G	H	I	J	K	L
4376	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/17/2019 15:42:34		VGA-DR-2019-0000708	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	R55	
4377	Mercedes-Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4378	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
4379	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
4380	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
4381	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CLUBMAN ALL4	
4382	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	18 Roadster	
4383	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
4384	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	LEGACY	
4385	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
4386	Mazda Motor Corporation	TXK	New Submission	Submitted	2/7/2019 11:12:58		TXK-DR-2019-0000056	Defect Report	DR - On-Board Diagnostic (OBD) System			
4387	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			
4388	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			
4389	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	7/23/2019 12:20:06	7/23/2019 13:10:06	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Atlas	
4390	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
4391	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
4392	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
4393	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger	
4394	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
4395	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X4	
4396	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X4	
4397	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger	
4398	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	300	
4399	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
4400	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta	
4401	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/9/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	PILOT 2WD	
4402	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
4403	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	CC	

	M	N	O	P
4376		FVGAV04.2NLB	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4377		EMBX03.0U2A	2014	Air Inlet System (Including Turbo and Superchargers)
4378		JNSXV01.6ADA	2018	On-Board Diagnostic (OBD) System
4379		KNXSV01.6RNA	2019	On-Board Diagnostic (OBD) System
4380		HNXSV03.0NHA	2017	On-Board Diagnostic (OBD) System
4381		KBMXV01.5MSX	2019	On-Board Diagnostic (OBD) System
4382		KBMXV01.5BP	2019	On-Board Diagnostic (OBD) System
4383		HFJX02.5HRV	2017	Catalyst System
4384		GFJX02.5HRV	2016	Catalyst System
4385		JFJX02.5HRV	2018	Catalyst System
4386		KTKXV02.0FFA	2019	On-Board Diagnostic (OBD) System
4387		DNMAXV04.7LEV	2013	Drivetrain/Transmission System
4388		HMAXV04.7LEV	2017	Drivetrain/Transmission System
4389		KVGAT03.6VAS	2019	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4390		GCRXT05.75P1	2016	Exhaust Gas Recirculation (EGR) System
4391		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
4392		HCRXT03.65P3	2017	Exhaust Gas Recirculation (EGR) System
4393		HCRXV05.75P1	2017	Exhaust Gas Recirculation (EGR) System
4394		HCRXT03.65PB	2017	Exhaust Gas Recirculation (EGR) System
4395		FCRXV05.75P1	2015	Exhaust Gas Recirculation (EGR) System
4396		GCRXT03.65PD	2016	Exhaust Gas Recirculation (EGR) System
4397		HCRXV05.75PD	2017	Exhaust Gas Recirculation (EGR) System
4398		ECRXT03.65PA	2014	Exhaust Gas Recirculation (EGR) System
4399		GCRXV05.75P1	2016	Exhaust Gas Recirculation (EGR) System
4400		KVGAJ02.0A3A	2019	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4401	BAT	GHNXV03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4402		EWXV02.0B5F	2014	On-Board Diagnostic (OBD) System
4403		DVWXI02.03UA	2013	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4404	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Passat	
4405	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4406	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4407	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4408	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4409	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4410	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4411	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4412	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4413	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4414	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4415	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4416	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4417	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4418	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4419	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4420	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4421	BMW	BMX	New Submission	Superseded	1/29/2019 8:18:32	1/29/2019 10:43:44	BMX-DR-2019-0000020	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S35d	
4422	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	4/29/2019 14:16:41		HNX-DR-2019-0000285	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	INSIGHT	
4423	BMW	BMX	Correction	Submitted	1/29/2019 9:21:28		BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 5	
4424	BMW	BMX	Correction	Submitted	1/29/2019 9:21:28		BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 7	

	Q	R	S	T	U
	<p>ComplaintNo known customer complaints DTCs PresentP220A ? Sensor Supply P2200 ? Open circuit (sensor wire) P2201 ? NOx Offset signal range check low/high P204F ? Monitoring of NOx Conversion efficiency</p> <p>ComponentNOx Sensor Initial Service Replacement Part Number04L-907-807-AD Subsequent Service Replacement Part Number04L-907-807-AD AnalysisForty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases' oxygen content, could trigger a deviation in the Sensor's signal and cause a MIL-on condition.</p>				
4405	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			44	0
4406	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			44391	0
4407	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			19574	0
4408	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			6532	0
4409	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			12172	0
4410	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			6920	0
4411	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			6690	0
4412	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			1569	0
4413	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			103944	0
4414	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			29283	0
4415	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			1408	0
4416	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			33747	0
4417	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			1370	0
4418	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter: 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.			12412	260
4419	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter: 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.			7336	327
4420	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter: 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.			9441	108
4421	The affected part number 13538506547 relates to the HIGH PRESSURE PIPE (ACCUMULATOR TO INJECTOR). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMKX	6/30/2015	10/30/2016	1209	298
4422	The OBD system may temporarily disable performing Fuel System monitoring (P0171/P0172) under certain driving conditions.	5/1/2018		33079	0
4423	The affected part number 16117341299 relates to the Fuel Tank Supply Module. Analyses have shown, that the component fuel tank supply module in general was replaced due to a software failure in the ECU (Engine Control Unit). In more detail: The component PT-sensor (pressure/temperature sensor) located inside of the fuel tank supply module is/was monitored also during driving conditions. This could lead to the scenario, that the PT-sensor shows an implausible value (e.g. temperature drop) due to contact with fuel and the OBD diagnostic detects the PT-sensor as malfunctioning (including the corresponding fault code and MIL Illumination) although the component PT-sensor is not malfunctioning. As a result the ?malfunctioning?? PT-sensor was replaced in services by replacing the complete fuel tank supply module. This means that in general the component fuel tank supply module was replaced without being malfunctioning. Beginning with July 2013, BMW has modified the ECU software so that the OBD diagnostics for component PT-sensor are only running during engine off time conditions to avoid the false failure detection and false MIL as described above.	6/30/2012	6/29/2013	0	0
4424	The affected part number 16117341299 relates to the Fuel Tank Supply Module. Analyses have shown, that the component fuel tank supply module in general was replaced due to a software failure in the ECU (Engine Control Unit). In more detail: The component PT-sensor (pressure/temperature sensor) located inside of the fuel tank supply module is/was monitored also during driving conditions. This could lead to the scenario, that the PT-sensor shows an implausible value (e.g. temperature drop) due to contact with fuel and the OBD diagnostic detects the PT-sensor as malfunctioning (including the corresponding fault code and MIL Illumination) although the component PT-sensor is not malfunctioning. As a result the ?malfunctioning?? PT-sensor was replaced in services by replacing the complete fuel tank supply module. This means that in general the component fuel tank supply module was replaced without being malfunctioning. Beginning with July 2013, BMW has modified the ECU software so that the OBD diagnostics for component PT-sensor are only running during engine off time conditions to avoid the false failure detection and false MIL as described above.	6/30/2012	6/29/2013	0	0

	A	B	C	D	E	F	G	H	I	J	K	L
4425	BMW	BMX	Correction	Submitted	1/29/2019 9:35:27		BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	MINI COOPER HARDTOP 2 DOOR	
4426	BMW	BMX	Correction	Submitted	1/29/2019 9:35:27		BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	BMW	X1 xDrive28i	
4427	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 9:07:09		MBX-DR-2019-0000483	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4428	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 9:20:49		MBX-DR-2019-0000484	Defect Report	DR - Catalyst System			
4429	BMW	BMX	New Submission	Superseded	1/29/2019 8:30:22	1/29/2019 10:50:33	BMX-DR-2019-0000022	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
4430	BMW	BMX	Correction	Submitted	1/29/2019 10:34:23		BMX-DR-2019-0000015	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
4431	BMW	BMX	New Submission	Superseded	7/2/2019 6:18:05	7/4/2019 3:05:05	BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	M850i xDrive Convertible	
4432	Volvo Car USA, LLC	VVX	Correction	Superseded	1/30/2019 10:01:39	2/7/2019 9:49:19	VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
4433	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
4434	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
4435	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q5	
4436	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A6 quattro	

	M	N	O	P
4425		GBMXV01.5M36	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4426		GBMXV02.0B46	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4427		FMBXT03.0U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
4428		JMBXT05.5U2A	2013	Catalyst System
4429		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4430		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4431		KBMXI04.4N63	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4432		GVVXV02.0U3T	2016	Catalyst System
4433		FCRXV03.6SP1	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4434		GCRXI03.6SP3	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4435		FVGAI03.0NU4	2015	On-Board Diagnostic (OBD) System
4436		FVGAI03.0NU4	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The affected part numbers 13907614013 (used for model MINI Cooper Clubman) and 13907621174 (used for models MINI Cooper and MINI Convertible) relate to the FUEL TANK BREATHER VALVE. Analyses have shown, that in 100% of all cases one of the following two different hardware failures could cause the malfunctioning tank breather valve, which are both detected by the OBD system (fault code entry including MIL illumination). Failure #1 (Knobs failure mode): The rubber structure of the knobs pressed in the hole of the valve bumper could crack in the area between chamfer and hole and in the following could detach and get lost in the backside. Due to the missing rubber structure there is a metal to metal contact in the fuel tank breather valve, which could result in a blocked valve and could lead to a too lean fuel mixture, which is detected by the OBD. Failure #2 (Retractable membrane): Due to failures in the production process the retractable membrane (plastic material) of the non-return valve could brake completely. This malfunction could be caused either by an extruding failure or by a pre-damage of the membrane due to a ridge on the seatengaging surface of the anker. For vehicles with one fuel tank breather valve this malfunction (broken membrane) will be detected by the OBD as small leakage, for vehicles with two valve as a leakage of the second purge line.</p>	6/30/2015	6/29/2016	16499	4950
4420	<p>The affected part numbers 13907614013 (used for model MINI Cooper Clubman) and 13907621174 (used for models MINI Cooper and MINI Convertible) relate to the FUEL TANK BREATHER VALVE. Analyses have shown, that in 100% of all cases one of the following two different hardware failures could cause the malfunctioning tank breather valve, which are both detected by the OBD system (fault code entry including MIL illumination). Failure #1 (Knobs failure mode): The rubber structure of the knobs pressed in the hole of the valve bumper could crack in the area between chamfer and hole and in the following could detach and get lost in the backside. Due to the missing rubber structure there is a metal to metal contact in the fuel tank breather valve, which could result in a blocked valve and could lead to a too lean fuel mixture, which is detected by the OBD. Failure #2 (Retractable membrane): Due to failures in the production process the retractable membrane (plastic material) of the non-return valve could brake completely. This malfunction could be caused either by an extruding failure or by a pre-damage of the membrane due to a ridge on the seatengaging surface of the anker. For vehicles with one fuel tank breather valve this malfunction (broken membrane) will be detected by the OBD as small leakage, for vehicles with two valve as a leakage of the second purge line.</p> <p>4427 DAG has determined that insufficient robustness of the exhaust gas temperature sensor with regard to vibration and thermal shock could lead to electrical failures. Vibration or thermal shock might lead to delamination of the conduction, loss of adhesion of the chip in the measuring tip, fracture of the ceramic or disruption of the cement seal. As a result, a fault is stored in the engine coil.</p> <p>4428 Daimler AG has determined that certain GLE- and GLS-Class vehicles (166 and 392 platforms) might have been equipped with incorrect catalytic converters due to limitations on part inventory management systems in place at the relevant plant. In this case, the vehicles might not comply with the certified configuration in the COC application and/or applicable emissions standards. This</p>	6/30/2015	5/31/2016	19620	6867
				4424	29
				1	1
	<p>The affected part number 16127205307 relates to the REAR FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMX03.0N57, BMW decided a warranty extension to full vehicle life (10 years / 120.000mi). Please see corresponding EDIR-05-N57/N47-033.1 (will be submitted after the reporting threshold >45% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL RETURN LINE is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
4430	The affected part number 13537823395 relates to the FUEL LINE TO HIGH-PRESSURE PUMP. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMX03.0N57, BMW	6/30/2015	10/30/2016	1209	298
	<p>Wrong screwing/connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario:</p> <p>During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line.</p> <p>The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/9/2018	6/4/2019	100	100
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>			20507	20507
4432	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			140935	14460
4435	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			320095	667
	<p>Various PVE (U2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</p> <p>DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</p> <p>Following application of the Approved Emissions Modification (AEM), PVE(U2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016</p> <p>Gen 2 PCF720154G0907401N 0013 BVAB4G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009</p> <p>Gen 2 PCQ520158K907401AC 0008 BVAB8K907401AC 0010</p> <p>Gen 2 1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014</p> <p>Gen 2 2 SUVfourreg20157FP1907401C 0007 AVAB7FP1907401C 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012</p> <p>Gen 2 PCF720164G0907401AA 0010 BVAB4G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009</p> <p>Gen 2 PCQ520168K907401AC 0008 BVAB8K907401AC 0010</p> <p>Gen 2 2 SUVfourreg20167FP1907401C 0007 AVAB7FP1907401C 0010</p>			6970	6970
	<p>Various PVE (U2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</p> <p>DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</p> <p>Following application of the Approved Emissions Modification (AEM), PVE(U2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMVCurrent SoftwareTarget AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016</p> <p>Gen 2 PCF720154G0907401N 0013 BVAB4G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009</p> <p>Gen 2 PCQ520158K907401AC 0008 BVAB8K907401AC 0010</p> <p>Gen 2 1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014</p> <p>Gen 2 2 SUVfourreg20157FP1907401C 0007 AVAB7FP1907401C 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012</p> <p>Gen 2 PCF720164G0907401AA 0010 BVAB4G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009</p> <p>Gen 2 PCQ520168K907401AC 0008 BVAB8K907401AC 0010</p> <p>Gen 2 2 SUVfourreg20167FP1907401C 0007 AVAB7FP1907401C 0010</p>			6970	6970

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4437	BMW	BMX	Correction	Submitted	1/29/2019 10:38:10		BMX-DR-2019-0000017	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
4438	BMW	BMX	New Submission	Submitted	7/18/2019 5:03:12		BMX-DR-2019-0000527	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
4439	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 9:22:35		MBX-DR-2019-0000532	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4440	Volvo Car USA, LLC	VVX	Correction	Submitted	2/7/2019 9:49:19		VVX-DR-2018-0000593	Defect Report	DR - Catalyst System			
4441	Toyota Motor Corporation	TYX	New Submission	Submitted	2/15/2019 13:32:04		TYX-DR-2019-0000151	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY HYBRID XLE/SE	
4442	Toyota Motor Corporation	TYX	New Submission	Submitted	2/15/2019 13:32:04		TYX-DR-2019-0000151	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVALON HYBRID XLE	
4443	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q5	
4444	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/24/2019 14:51:51		VGA-DR-2019-0000365	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A3	
4445	Jaguar Land Rover Limited	JLX	Correction	Submitted	7/19/2019 14:17:41		JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
4446	General Motors LLC	GMX	New Submission	Submitted	2/15/2019 15:13:23		GMX-DR-2019-0000108	Defect Report	DR - Drivetrain/Transmission System	Chevrolet	SPARK	
4447	General Motors LLC	GMX	New Submission	Submitted	2/15/2019 15:18:17		GMX-DR-2019-0000112	Defect Report	DR - On-Board Diagnostic (OBD) System	Chevrolet	CRUZE	
4448	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 4dr	
4449	Audi	ADX	New Submission	Superseded	1/29/2019 21:46:10	1/29/2019 22:43:31	ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S8	
4450	Audi	ADX	New Submission	Superseded	1/29/2019 21:46:10	1/29/2019 22:43:31	ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S6	
4451	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 11:01:09		JLX-DR-2019-0000551	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
4437		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4438		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4439		GMBXT04.0U2A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4440		HVVXT02.0P3T	2017	Catalyst System
4441		KTYXV02.5P33	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4442		KTYXV02.5P33	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4443		GVGAI03.0N1U4	2016	On-Board Diagnostic (OBD) System
4444		JVGAI02.0A3A	2018	On-Board Diagnostic (OBD) System
4445		KJLVU03.0P5P	2019	On-Board Diagnostic (OBD) System
4446		EGMXV01.8011	2014	Drivetrain/Transmission System
4447		KGMXV01.5002	2019	On-Board Diagnostic (OBD) System
4448		KHHXV02.0D1H3	2019	On-Board Diagnostic (OBD) System
4449		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
4450		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
4451		JJLXT02.0RTV	2019	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
4452	Mercedes Benz	MBX	New Submission	Submitted	7/24/2019 13:10:32		MBX-DR-2019-0000552	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4453	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Conv	
4454	Audi	ADX	New Submission	Submitted	5/24/2019 14:11:01		ADX-DR-2019-0000363	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A6 quattro	
4455	Audi	ADX	New Submission	Submitted	5/24/2019 14:11:01		ADX-DR-2019-0000363	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	TOUAREG	
4456	Audi	ADX	Correction	Submitted	1/29/2019 22:43:31		ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
4457	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	TOUAREG	
4458	BMW	BMX	New Submission	Submitted	5/28/2019 9:18:18		BMX-DR-2019-0000369	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	M550i xDrive	

	M	N	O	P
4452		EMBX02.2U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
4453		BBMX01.6SPD	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4454		EADX03.04UG	2014	On-Board Diagnostic (OBD) System
4455		EADXT03.02UG	2014	On-Board Diagnostic (OBD) System
4456		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
4457		EADXT03.02UG	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
4458		JBMX04.4N63	2018	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
4452	The warranty claims for the Electric Change-Over Valve in certain ML 250 BlueTEC 4MATIC, GLK 250 BlueTEC 4MATIC, E 250 BlueTEC, E 250 BlueTEC 4MATIC, and GLE 300 d 4MATIC vehicles are based on the following root cause: an internal leakage of the water pump resulting in water entering the underpressure chamber of the water pump through the permeable rod seal. This may result in			7715	68
	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>				
4453		7/31/2010	6/29/2011	690	321
	<p>ScanToolMode\$0ANon-erasable permanent DTCs (Mode \$0A) for fuel rail pressure monitoringGen2 PC; Gen2.1 / 2.2 SUV(PVE)[](2) testingDADXT03.03UG_Q7 DADXT03.02UG_Touareg</p> <p>EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PC</p> <p>The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>ScanToolMode\$0ANon-erasable permanent DTC (Mode \$0A) urea tank heater circuit failureGen2.1PVE[](2) testingDADXT03.02UG_Touareg EADXT03.02UG_TouaregThe issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018</p> <p>NbX-Sensor Rationality monitorNbX Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)Gen2 PC (MY14 only) Gen2.1 SUV (PVE)[](2) testingEADXT03.03UG_Q7 EADXT03.02UG_Touareg</p> <p>EADXT03.04UG_Gen2 PCThe issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>NbX-Sensor Rationality monitorUpstream NbX-Sensors being replaced consequentially due to a false MIL condition resulting from an air system model SW-bugGen2 PC / Gen2.1 SUVInternal SW checkDADXT03.03UG_Q7 DADXT03.02UG_Touareg</p> <p>EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PCThe software bug in ASMod is not a part of the AEM. Fixing the software bug in ASMod will address the false MIL condition, without modifying the OBD calibration of the AEM.</p> <p>Throttle Valve Rationality monitorMonitoring of throttle valve offset adaptation without functionGen2.1 SUV(Q7 only)(PVE)[](2) testingDADXT03.03UG_Q7 EADXT03.03UG_Q7</p> <p>The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018</p> <p>Oxidation Catalyst (DOC)efficiency monitorThe DOC is being replaced consequentially due to a false MIL condition resulting from specific driving conditions e.g. in altitude that are not covered by the monitor calibration.Gen2.1 / 2.2 SUVTechnical IssueDADXT03.03UG_Q7</p>			10361	10361
4454					
	<p>ScanToolMode\$0ANon-erasable permanent DTCs (Mode \$0A) for fuel rail pressure monitoringGen2 PC; Gen2.1 / 2.2 SUV(PVE)[](2) testingDADXT03.03UG_Q7 DADXT03.02UG_Touareg</p> <p>EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PC</p> <p>The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>ScanToolMode\$0ANon-erasable permanent DTC (Mode \$0A) urea tank heater circuit failureGen2.1PVE[](2) testingDADXT03.02UG_Touareg EADXT03.02UG_TouaregThe issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018</p> <p>NbX-Sensor Rationality monitorNbX Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)Gen2 PC (MY14 only) Gen2.1 SUV (PVE)[](2) testingEADXT03.03UG_Q7 EADXT03.02UG_Touareg</p> <p>EADXT03.04UG_Gen2 PCThe issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>NbX-Sensor Rationality monitorUpstream NbX-Sensors being replaced consequentially due to a false MIL condition resulting from an air system model SW-bugGen2 PC / Gen2.1 SUVInternal SW checkDADXT03.03UG_Q7 DADXT03.02UG_Touareg</p> <p>EADXT03.03UG_Q7 EADXT03.02UG_Touareg EADXT03.04UG_Gen2 PCThe software bug in ASMod is not a part of the AEM. Fixing the software bug in ASMod will address the false MIL condition, without modifying the OBD calibration of the AEM.</p> <p>Throttle Valve Rationality monitorMonitoring of throttle valve offset adaptation without functionGen2.1 SUV(Q7 only)(PVE)[](2) testingDADXT03.03UG_Q7 EADXT03.03UG_Q7</p> <p>The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018</p> <p>Oxidation Catalyst (DOC)efficiency monitorThe DOC is being replaced consequentially due to a false MIL condition resulting from specific driving conditions e.g. in altitude that are not covered by the monitor calibration.Gen2.1 / 2.2 SUVTechnical IssueDADXT03.03UG_Q7</p>			3994	3994
4455				3994	3994
	<p>ComplaintMIL on, EPC indicator on</p> <p>DTCs PresentP001100: Camshaft 7A?? (B1)Timing Over-advanced / System perform. P002100: Camshaft 7A?? (B2)Timing Over-advanced / System perform. P052A00: Cold Start, Camshaft 7A?? (B1)Timing Over-advanced P052C00: Cold Start, Camshaft 7A?? (B2)Timing Over-advanced</p> <p>ComponentCamshaft Adjuster Part Number - Production06E109083Q (intake) 06E109084N (exhaust)</p> <p>Part Number - Replacement06E109083N (intake) 06E109084N (exhaust)</p> <p>Part Number - Analysis 06E109083N (intake) 06E109084N (exhaust)</p> <p>Analysis7 parts received / analyzed 5x06E109 083 N 7 internal locking pin of camshaft adjuster stuck 2x06E109 084 N 7 NTP</p> <p>Note: In the field, failure could not be clearly located between the intake and exhaust camshaft adjusters; therefore, both parts have been replaced at the same time.</p>			5957	206
4456					
	<p>Calibration Concerns: Scan Tool Mode \$0A, this is a Non-erasable permanent DTCs (Mode \$0A) for fuel rail pressure monitoring. The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: NbX-Sensor Rationality monitor, this is a NbX-Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1). The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC)</p> <p>Calibration Concerns: Throttle Valve Rationality monitor: The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Oxidation Catalyst (DOC) efficiency monitor. The issue occurs during high altitude driving conditions, requires replacement of the DOC (impacting durability), and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM</p> <p>Calibration Concerns: Boost system Rationality monitor. Boost system gross leakage monitor with limited function. The issue was discovered during PVE [](2) testing and was reported to the agencies on May 7, 2018</p> <p>Calibration Concerns: Engine Control Module (ECM) inhibit relations. Planned improvements of inhibit relations to avoid additional fault codes and ensure reliable guidance for service. The issue was discovered during PVE [](2) testing and was reported to the agencies on July 2, 2018.</p> <p>Calibration Concerns: Engine Control Module (ECM) Injection Limitation. Reduction of the fuel injection pattern at high ECM temperatures and low battery voltage. This issue has not caused customer complaints and is unlikely to occur in ordinary driving conditions. Fixing this issue does not require changing the AEM.</p> <p>Calibration Concerns: Service-Tester/Tools. Service base setting to adjust idle speed. This is a minor change designed for dealer diagnostics. It does not change the AEM calibration</p> <p>Calibration Concerns: Vehicle Drivability (Poor/Fuel Adaptation). Customer complaints regarding drivability during engine warm-up. The issue affects drivability of the vehicle, occurs during ordinary vehicle operation and use, and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM.</p> <p>Calibration Concerns: Reductant Supply Module, The SCR module is being replaced due to a false MIL condition resulting from high temperatures/diagnostic thresholds of consumption deviation monitor. The change will impact the AEM calibration, but the change is not required to fix this Technical issue. The proposed change is an improvement for the issue, but not a complete solution.</p> <p>GenerationModelMYCai (DCEU)TCU Gen 2.1 SUVQ720134L2910401A0012 AVABECU Gen 2.1 SUV Touareg20137P0907401K 0011 AVABECU Gen 2 PCA620144G0907401N 0013 BVABECU Gen 2 PCA720144G0907401N 0013 BVABECU Gen 2 PCA820144H0907401F 0013 BVABECU Gen 2 PCQ520148K907401J 0011 BVABECU Gen 2.1 SUVQ720144L2910401A0012 AVABECU Gen 2.1 SUV Touareg20147P0907401K 0011 AVABECU Gen 2.1 SUV Touareg20130C8927750AK 3398TCU Gen 2.1 SUV Touareg20140C8927750CF 3376TCU Gen 2 PCA6A720144G0927158AQ 1006/1008TCU Gen 2 PCA820144H1927158AN 1008TCU Gen 2 PCA820144H1927158CK 1006TCU Gen 2 PCQ52014 8R0927158Q 1007TCU</p>			3994	3994
4457					
	<p>The affected part numbers 51747497279 respectively 51137497285 and 51138091760 respectively 51748091762 relate to the components upper respectively lower air flaps (Active Grill Shutters).</p> <p>Please note that only the 7-Series models 750i xDrive (SWB), 750i and 750i xDrive and the 5-Series model M550i xDrive are equipped with active grill shutters. All other models included in model year 2018 test group JBMXJ04.4N63 have no active grill shutters built.</p> <p>The affected part numbers 51747497279 and 51137497285 for components upper and lower air flaps relate only to the 5-Series model M550i xDrive.</p> <p>The affected part numbers 51138091760 and 51748091762 for components upper and lower air flap relate only to the 7-Series models 750i xDrive (SWB), 750i and 750i xDrive.</p> <p>Analyses have shown that components lower and upper air flaps with part numbers 51747497279 respectively 51137497285 and 51138091760 respectively 51748091762 were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance).</p> <p>There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures): The kinematics /component 7spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>				
4458		2/28/2017	6/29/2018	5600	4000

	A	B	C	D	E	F	G	H	I	J	K	L
4459	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	FIAT	500X AWD	
4460	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q5	
4461	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	Q5	
4462	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A6 quattro	
4463	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger AWD	
4464	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	Town & Country	
4465	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee FWD	
4466	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Grand Caravan	
4467	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	
4468	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x4	
4469	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4 Active Drive II	
4470	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	Pacifica PHEV	
4471	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
4472	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/3/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4473	Audi	ADX	New Submission	Submitted	2/13/2019 15:44:11		ADX-DR-2019-0000111	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GTI	
4474	Kia Motors Corporation	KMX	New Submission	Submitted	3/27/2019 14:44:39		KMX-DR-2019-0000226	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Sportage FWD	
4475	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	8/2/2019 16:50:31		HNX-DR-2019-0000596	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	CR-V FWD	

	M	N	O	P
4459		HCRXJ02.45P3	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4460		FVGAI03.0NU4	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4461		GVGAI03.0NU4	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4462		GVGAI03.0NU4	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4463		HCRXU05.75P1	2017	Exhaust Gas Recirculation (EGR) System
4464		GCRXJ03.65P3	2016	Exhaust Gas Recirculation (EGR) System
4465		GCRXJ03.65P3	2016	Exhaust Gas Recirculation (EGR) System
4466		GCRXJ03.65P3	2016	Exhaust Gas Recirculation (EGR) System
4467		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
4468		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
4469		HCRXT03.25P1	2017	Exhaust Gas Recirculation (EGR) System
4470		HCRXT03.65P0	2017	Exhaust Gas Recirculation (EGR) System
4471		GCRXT03.65P2	2016	Exhaust Gas Recirculation (EGR) System
4472		HJLXT03.0F5P	2017	Electrical Wiring, Sensor, and Actuator Systems
4473		DADYX02.03UA	2013	On-Board Diagnostic (OBD) System
4474		HKMXT02.44NP	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4475		KHNXT02.4W53	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
4476	Volvo Car USA, LLC	VXX	New Submission	Submitted	6/12/2019 10:15:13		VXX-DR-2019-0000432	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4477	Volvo Car USA, LLC	VXX	New Submission	Submitted	6/12/2019 10:15:13		VXX-DR-2019-0000432	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4478	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
4479	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
4480	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
4481	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI FWD	
4482	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
4483	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra SE	
4484	BMW	BMX	New Submission	Submitted	2/28/2019 10:39:04		BMX-DR-2019-0000184	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	BMW	X7 xDrive50i	
4485	Hyundai Motor Company	HYX	New Submission	Submitted	4/10/2019 17:02:22		HYX-DR-2019-0000267	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Tucson FWD	
4486	Hyundai Motor Company	HYX	New Submission	Submitted	4/10/2019 17:02:22		HYX-DR-2019-0000267	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Tucson AWD	

	M	N	O	P
4476		JVXJ02.OP30	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4477		KVXJ02.OP30	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4478		CSXKV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4479		CSXKV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4480		CSXKV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4481		ASKXV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4482		ASKXV2.395F1	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4483		JHYXV02.01E5	2018	Ignition System
4484		KBMXU04.4N63	2019	Air Inlet System (including Turbo and Superchargers)
4485		JHYXV02.01UF	2018	On-Board Diagnostic (OBD) System
4486		JHYXV02.01UF	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Engine Control Module DTC: P04F000 EVAP System High Pressure Purge Line Performance</p> <p>Possible root cause is the one-way (non-return) valve within the purge line not seating properly. The one-way valve and the purge valve are incorporated within the purge line and are replaced as a single component. If the one-way valve fails to seat, high pressure shock waves within the intake system may be allowed to come in contact with the purge valve.</p> <p>Investigation is ongoing.</p>			3298	16
4476					
	<p>Engine Control Module DTC: P04F000 EVAP System High Pressure Purge Line Performance</p> <p>Possible root cause is the one-way (non-return) valve within the purge line not seating properly. The one-way valve and the purge valve are incorporated within the purge line and are replaced as a single component. If the one-way valve fails to seat, high pressure shock waves within the intake system may be allowed to come in contact with the purge valve.</p> <p>Investigation is ongoing.</p>			1953	43
4477					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2011	5/31/2012	6331	6331
4478					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2011	5/31/2012	6331	6331
4479					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2011	5/31/2012	6331	6331
4480					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	6/1/2011	5/31/2012	6331	6331
4481					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	10/13/2009	5/31/2010	6807	6807
4482					
	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>	10/13/2009	5/31/2010	6807	6807
4483	Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the igni			240837	2666
	<p>The component clean air duct includes for bank1 of V6 engine N63M as used for models X5 xDrive50i and X7 xDrive50i in model year 2019 test group KBMU04.4N63 a different non-return valve as included for bank 2.</p> <p>The non-return valve as normally installed in clean air duct for bank 1 includes a bore hole for purging, whereas the non-return valve as normally installed in clean air duct for bank 2 has none bore hole.</p> <p>Due to some mix-up in the production by the supplier for the sub-system clean air duct including the non-return valve between 08/01/2018 and 02/13/2019, it is possible that the wrong valves were installed in clean air duct for bank 1 and/or bank 2.</p> <p>First analysis shows a mismatch rate about 30%. Depending on the mix-up constellation an emission impact is possible, which will be detected by the OBD system (e.g. plausibility check of the crankcase difference pressure sensor).</p>	7/31/2018	2/12/2019	2810	840
4484	2018 model year Hyundai Tucson, equipped with 2.0L 2018 model year and engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for modeling temperature of the engine coolant. Data in ECU has a difference in temperature between modeling data of t			83667	49
4485	2018 model year Hyundai Tucson, equipped with 2.0L 2018 model year and engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0128. According to the investigation, the main cause is an improper data calibration for modeling temperature of the engine coolant. Data in ECU has a difference in temperature between modeling data of t			83667	49

	A	B	C	D	E	F	G	H	I	J	K	L
4487	BMW	BMX	New Submission	Submitted	6/28/2019 7:24:59		BMX-DR-2019-0000486	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	
4488	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX AWD A-SPEC	
4489	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX AWD	
4490	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX FWD	
4491	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT FWD	
4492	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/22/2019 16:44:04		JLX-DR-2019-0000653	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4493	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2018-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60	
4494	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60 AWD	
4495	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60S	
4496	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50S AWD	
4497	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	3/4/2019 12:18:39		NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q50S AWD	
4498	Kia Motors Corporation	KMX	Correction	Submitted	3/4/2019 13:26:48		KMX-DR-2018-0000711	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro FE	
4499	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
4500	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
4501	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	

	M	N	O	P
4487		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4488		KHNKV03.SHH3	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
4489		HHNKV03.SVH3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4490		HHNKV03.SVH3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4491	9AT	HHNKV03.SVH3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4492		KJLKT03.DHTR	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
4493		JNSXV03.ONHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4494		JNSXV03.ONHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4495		HNSKV03.ONHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4496		GNSKV03.0GHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4497		HNSKV03.ONHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4498		KKMKV01.6L13	2019	On-Board Diagnostic (OBD) System
4499		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4500		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4501		GVVXV02.053T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
4502	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 AWD	
4503	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 CC FWD	
4504	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
4505	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
4506	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
4507	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	

	M	N	O	P
4502		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4503		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4504		GVVXX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4505		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4506		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4507		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
4502	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33968	33968
4503	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
4504	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
4505	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
4506	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
4507	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8208	8208

	A	B	C	D	E	F	G	H	I	J	K	L
4508	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
4509	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/26/2019 15:06:56	5/1/2019 13:51:03	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX 4WD	
4510	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte	
4511	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4512	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4513	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4514	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4515	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4516	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini Cooper S Convertible	
4517	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Roadster	
4518	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	TUNDRA 2WD	
4519	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	Veloster	
4520	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-Z	
4521	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
4522	Audi	ADX	New Submission	Submitted	2/11/2019 15:28:01		ADX-DR-2019-0000110	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	S8	
4523	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	

	A	B	C	D	E	F	G	H	I	J	K	L
4524	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive	
4525	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive	
4526	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Coupe	
4527	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
4528	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive Gran Turismo	
4529	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i xDrive	

	M	N	O	P
4524		GBMXV03.0B58	2016	On-Board Diagnostic (OBD) System
4525		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
4526		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
4527		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
4528		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
4529		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4530	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive Sports Wagon	
4531	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i	
4532	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	
4533	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe M Performance	
4534	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	
4535	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	

	M	N	O	P
4530		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
4531		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
4532		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
4533		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
4534		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
4535		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
4536	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
4537	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Coupe	
4538	BMW	BMX	New Submission	Superseded	1/29/2019 7:45:24	1/29/2019 10:34:25	BMX-DR-2019-0000015	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
4539	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
4540	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	
4541	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	

	M	N	O	P
4536		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
4537		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
4538		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4539		GBMXV03.0N57	2016	Exhaust Gas Recirculation (EGR) System
4540		EBMXV03.0N57	2014	Exhaust Gas Recirculation (EGR) System
4541		FBMXT02.0N47	2015	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
4536	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
4537	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
4538	<p>The affected part number 13537823395 relates to the FUEL LINE TO HIGH-PRESSURE PUMP. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded).</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL LINE TO HIGH-PRESSURE PUMP is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
4539	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	10/30/2016	1209	1209
4540	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	5167	5167
4541	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	3/31/2014	3/30/2015	2345	2345

	A	B	C	D	E	F	G	H	I	J	K	L
4542	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive 35d	
4543	BMW	BMX	New Submission	Superseded	1/29/2019 9:16:50	1/29/2019 9:21:28	BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 3	
4544	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 19:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra Coupe	
4545	Subaru Corporation	FIX	Correction	Submitted	10/31/2019 17:48:37		FIX-DR-2019-0000917	Defect Report	DR - Crankcase Ventilation System			
4546	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	SPORTAGE 4WD	
4547	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	
4548	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	
4549	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
4550	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	

	M	N	O	P
4542		HBMXT03.0N57	2017	Exhaust Gas Recirculation (EGR) System
4543		DBMXV03.0AH3	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4544		FKMXV02.0EPF	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4545		HFXXV02.0BLU	2017	Crankcase Ventilation System
4546		BKMXT02.4SW5	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4547		AHXYT02.4LW5	2010	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4548		CHYXT02.4LW5	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4549		HHYXV02.01VF	2017	Electrical Wiring, Sensor, and Actuator Systems
4550		DHYXV02.01TE	2013	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">7Coolant loss with Check-Control-Indication7Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)7Smell of exhaust gas7Unusual noise from the engine compartment7Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iL xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	7/31/2016	8/30/2017	1821	1821
	<p>The affected part number 36117343299 relates to the Fuel Tank Supply Module. Analyses have shown, that the component fuel tank supply module in general was replaced due to a software failure in the ECU (Engine Control Unit). In more detail: The component PT-sensor (pressure/temperature sensor) located inside of the fuel tank supply module is/was monitored also during driving conditions. This could lead to the scenario, that the PT-sensor shows an implausible value (e.g. temperature drop) due to contact with fuel and the OBD diagnostic detects the PT-sensor as malfunctioning (including the corresponding fault code and MIL illumination) although the component PT-sensor is not malfunctioning. As a result the malfunctioning PT-sensor was replaced in services by replacing the complete fuel tank supply module.</p> <p>This means that in general the component fuel tank supply module was replaced without being malfunctioning. Beginning with July 2013, BMW has modified the ECU software so that the OBD diagnostics for component PT-sensor are only running during engine off time conditions to avoid the false failure detection and false MIL as described above.</p> <p>4543 Some 2014~2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMDS control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined BMS data so that catalyst heating is entered to ensure the catalyst reaches the act</p> <p>4544 Some 2014~2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMDS control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined BMS data so that catalyst heating is entered to ensure the catalyst reaches the act</p> <p>4545 The PCV valve, an oil flow control device, may separate and allow engine oil to enter the combustion chamber. If the PCV valve separates and oil enters the combustion chamber, there may be a visible change in the appearance and/or amount of tailpipe exhaust, and if driving under this condition continues, separated component</p> <p>4546 Some 2011~2016 model year Kia Sportage 2.4L may exceed the ORVR standard. According to the investigation of canister manufacturing process/subpart/production history, an analysis indicates charcoal displacement occurs because defect sponge inside the canister has short length, so displacement occurs with the combination of charcoal being tilted and short sponge length. As a c</p>	6/30/2012	6/29/2013	0	0
			8053	2	
		7/28/2016	74956	10	
			6858	2	
	<p>Some 2010~2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			3729	1
	<p>Some 2010~2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			8658	1
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>4549 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			24104	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>4550 The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			38785	0

	A	B	C	D	E	F	G	H	I	J	K	L
4551	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
4552	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
4553	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SE	
4554	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe FWD	
4555	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	
4556	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata Limited	

	M	N	O	P
4551		KHYXV02.0EGS	2019	Electrical Wiring, Sensor, and Actuator Systems
4552		JHYXV02.01VF	2018	Electrical Wiring, Sensor, and Actuator Systems
4553		JHYXV02.4AJ3	2018	Electrical Wiring, Sensor, and Actuator Systems
4554		KHYXV02.0MG5	2019	Electrical Wiring, Sensor, and Actuator Systems
4555		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
4556		HHYXV02.0AHF	2017	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
4557	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SE	
4558	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
4559	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
4560	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson FWD	
4561	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe FWD	
4562	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson AWD	
4563	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC70 FWD	

	M	N	O	P
4557		JHYXV02.4AJ5	2018	Electrical Wiring, Sensor, and Actuator Systems
4558		EHYXV02.01HE	2014	Electrical Wiring, Sensor, and Actuator Systems
4559		FHYXV02.01VE	2015	Electrical Wiring, Sensor, and Actuator Systems
4560		JHYXV02.01UF	2018	Electrical Wiring, Sensor, and Actuator Systems
4561		KHYXV02.4MH3	2019	Electrical Wiring, Sensor, and Actuator Systems
4562		KHYXV02.0LF5	2019	Electrical Wiring, Sensor, and Actuator Systems
4563		PVXXV02.0U3T	2015	Air Inlet System (Including Turbo and Superchargers)

	A	B	C	D	E	F	G	H	I	J	K	L
4564	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
4565	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 AWD	
4566	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 Inscription FWD	
4567	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 FWD	
4568	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 FWD	
4569	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 FWD	
4570	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
4571	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
4572	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 CC AWD	
4573	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 FWD	

	M	N	O	P
4564		PVXXV02.0U3T	2015	Air Inlet System (Including Turbo and Superchargers)
4565		GVXXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
4566		GVXXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
4567		GVXXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
4568		JVXXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
4569		HVXXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
4570		HVXXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
4571		HVXXV02.0S3T	2017	Air Inlet System (Including Turbo and Superchargers)
4572		JVXXJ02.0125	2018	Air Inlet System (Including Turbo and Superchargers)
4573		JVXXJ02.0125	2018	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			25464	4039
4564					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			20507	474
4565					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			20507	474
4566					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			20507	474
4567					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			26274	169
4568					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			48704	367
4569					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			48704	367
4570					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			3257	89
4571					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			23992	162
4572					
	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			23992	162
4573					

	A	B	C	D	E	F	G	H	I	J	K	L
4574	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 AWD	
4575	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 CC AWD	
4576	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 FWD	
4577	Kia Motors Corporation	KMX	New Submission	Submitted	10/21/2019 11:20:20		KMX-DR-2019-0000804	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Rio	
4578	Ford Motor Company	FMX	New Submission	Submitted	10/17/2019 11:18:17		FMX-DR-2019-0000762	Defect Report	DR - Crankcase Ventilation System			
4579	Subaru Corporation	FJX	New Submission	Submitted	10/31/2019 17:43:37		FJX-DR-2019-0000907	Defect Report	DR - Ignition System			
4580	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson FWD	
4581	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 4WD	
4582	Audi	ADX	New Submission	Submitted	10/9/2019 7:58:40		ADX-DR-2019-0000741	Defect Report	DR - Selective Catalytic Reduction System	Audi	Q7	
4583	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	A3	
4584	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 7:51:22		VGA-DR-2019-0000728	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3	

	M	N	O	P
4574		JVWXJ02.0125	2018	Air Inlet System (Including Turbo and Superchargers)
4575		LWXJ02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
4576		JVWXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
4577		GKMXV01.6DBE	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4578		KFMXT02.73JK	2019	Crankcase Ventilation System
4579		JFJXJ02.0BUY	2018	Ignition System
4580		FHYXT02.41UE	2015	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4581		BHYXT02.4LWS	2011	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4582		DADXT03.03UG	2013	Selective Catalytic Reduction System
4583		AWWXV02.0USN	2010	Exhaust Gas Recirculation (EGR) System
4584		FVGAV02.0APA	2015	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
4574	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			23992	162
4575	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			4923	93
4576	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			2865	59
4577	Some 2014*2017 model year Kia Rio 1.6L vehicles have experienced a customer complaint in which certain customers smell fuel inside while they are driving in the city, especially in Stop-and-Go mode at high ambient temperature. According to the investigation, Kia has found that there is a necessity of EMS purge data optimization at the high temperature condition to improve customer			34514	3
4578	Some 2019 MY 2.7L and 3.0L gasoline turbocharged direct injection (GTDI) vehicles were built with a positive crankcase ventilation (PCV) valve that was not intended for these applications, which can result in an increased risk of false malfunction indicator light (MIL) illumination.			34799	34799
4579	Due to improper Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. If the ignition coil remains energized for too long, the internal temperature of ignition coil may increase which could cause a short circuit and a blown fuse. If a s	4/17/2017	7/25/2018	207963	11
4580	Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard. According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.			12222	0
4581	Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard. According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.			8295	1
4582	Complaint: MIL on AdBlue System Fault message appears in the instrument cluster DTCs Present: P20F4 (AdBlue Consumption Too Low) P20F5 (AdBlue Consumption Too High) P20EE (Catalyst Efficiency Fault) Components: SCR Dosing Valve Part Number ? Incorrect: 3C0131113C Part Number ? Correct: 4W0131113A Analysis: Due to a parts catalog error, an incorrect SCR Dosing Valve may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the SCR dosing valve with the correct service part. -An incorrect SCR Dosing Valve will have a flow rate that is mismatched to the ECM calibration and may cause SCR-related faults			3	3
4583	Complaint: MIL on DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient) Components: EGR Filter Part Number ? Incorrect: 1K0253120 Part Number ? Correct: 1K0253120B Analysis: Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part. -The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPF Fault.			21	21
4584	Complaint: MIL on; DTCs Present: P0456 - EVAP Very Small Leak Detected; P0450 - EVAP Emission System Pressure Sensor/Switch; P0441 - EVAP Emission Control System Incorrect Purge Flow; Component: EVAP Canister Assembly; Part Number ? Production: 5Q0.201.797; Part Number ? Analysis: 5Q0.201.797; Part Number ? Replacement: 5Q0.201.797.F; Analysis: Contamination of the NVLD switch may lead to an internal leak resulting in the OBD monitor reporting a very small leak. This condition has no external or environmental impact.			1410	1410

	A	B	C	D	E	F	G	H	I	J	K	L
4585	Volkswagen	VWX	New Submission	Submitted	9/26/2019 8:58:19		VWX-DR-2019-0000730	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	TIGUAN 4MOTION	
4586	Audi	ADX	Correction	Submitted	10/18/2019 9:18:51		ADX-DR-2019-0000742	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	TOUAREG	
4587	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
4588	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:37:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
4589	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVALON	
4590	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RC 300	
4591	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	RAV4 AWD	
4592	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CORDOLLA HATCHBACK MANUAL	
4593	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD D-CAB V6 MT OFF-ROAD	
4594	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	
4595	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
4596	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
4597	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	

	M	N	O	P
4585		EVWXJ02.03UA	2014	Air Inlet System (Including Turbo and Superchargers)
4586		CADXT03.02UG	2012	Selective Catalytic Reduction System
4587		EGMXJ02.5150	2014	Exhaust System (Other than EGR and Catalyst Systems)
4588		GGMXT02.4151	2016	Exhaust System (Other than EGR and Catalyst Systems)
4589		KTYXV03.5M5B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4590		KTYXV02.0M5A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4591		KTYXV02.5N4H	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4592		KTYXV02.0N4B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4593		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4594		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
4595		JBMXV02.0N47	2018	Exhaust Gas Recirculation (EGR) System
4596		FBMXV02.0N47	2015	Exhaust Gas Recirculation (EGR) System
4597		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
	<p>Complaint: MIL on ; Rattle noise from engine DTCs Present: P0299 - Turbocharger Underboost ; P0236 - Turbocharger Boost Sensor (A) Circuit Range/Performance ; P0234 - Turbocharger Overboost . Component: Turbocharger Part Number ? Production: 06J.145.713.K ; Part Number ? Analysis: 06J.145.713.K ; Part Number ? Replacement: 06J.145.713.KX . Analysis: Rusted control rod (28.6%) ; Sticking control rod (23.8%) ; Wastegate has too much play (9.5%) ; Control rod loose at pin (4.6%) ; No Trouble Found (33.3%) .</p>			29103	391
4585					
	<p>Complaint: MIL on -AdBlue System Fault message appears in the instrument cluster DTCs Present: P20EE (Catalyst Efficiency) Components: SCR Catalyst Part Number ? Incorrect: 7L8254403FX Part Number ? Correct: 4LQ254400AX Analysis: Due to a parts catalog error, an incorrect SCR Catalyst may have been installed on some vehicles during a past service repair visit. VW will inspect and, if needed, replace the SCR dosing valve with the correct service part. 4586 - An incorrect SCR Catalyst will have a storage capacity that is mismatched to the ECM calibration and may cause SCR-related faults.</p>			4	4
4587					76970
4588					36552
4589					6738
4590					1146
4591					20840
4592					1676
4593					18046
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.</p>	3/31/2014	3/30/2015	2345	2345
4594					
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.</p>	6/30/2017	12/30/2018	1049	1049
4595					
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.</p>	6/30/2014	6/29/2015	3701	3701
4596					
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017.</p>	6/30/2015	6/29/2016	1792	1792
4597					

	A	B	C	D	E	F	G	H	I	J	K	L
4598	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
4599	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d Sports Wagon	
4600	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
4601	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
4602	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:37		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-Hybrid Sport Turismo	3.9L
4603	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:37		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo Sport Turismo	4L
4604	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Coupe	
4605	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 5WB	
4606	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 350	

	M	N	O	P
4598		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
4599		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
4600		EBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
4601		EBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
4602 Automatic		JPRXV03.9PH6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4603 Automatic		JPRXV04.0PVB	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4604		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4605		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4606		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
4598	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2013	6/29/2014	10900	10900
4599	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2013	6/29/2014	10900	10900
4600	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2016	6/29/2017	1654	1654
4601	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2016	6/29/2017	1654	1654
4602	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	1549	0
4603	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	1324	0
4604	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
4605	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
4606	Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			31361	31361

	A	B	C	D	E	F	G	H	I	J	K	L
4607	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 17:32:24		VGA-DR-2019-0000815	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	57	
4608	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY LE/SE	
4609	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	ES 300h	
4610	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY XLE/ASE	
4611	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD	
4612	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4613	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4614	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4615	American Honda Motor Co., Inc.	HMX	Correction	Submitted	11/3/2019 13:34:27		HMX-DR-2019-0000429	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	
4616	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/8/2018 14:09:01	5/8/2018 14:18:11	VVX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
4617	Audi	ADX	New Submission	Submitted	5/3/2018 9:16:14		ADX-DR-2018-0000078	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	GTI	2.0L
4618	Toyota Motor Corporation	TYX	Correction	Superseded	5/9/2018 13:35:14	5/9/2018 16:34:58	TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	GS 350 AWD	
4619	Toyota Motor Corporation	TYX	Correction	Submitted	5/9/2018 16:34:58		TYX-DR-2018-0000106	Defect Report	DR - Emission Control Information Label	LEXUS	ES 300h	
4620	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/10/2018 12:59:50		NSX-DR-2018-0000083	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50S AWD	2.0L
4621	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/10/2018 12:59:50		NSX-DR-2018-0000083	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50	2.0L
4622	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	XC90 AWD	
4623	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	S90 AWD	
4624	BMW	BMX	New Submission	Superseded	5/28/2018 9:42:30	5/28/2018 9:59:31	BMX-DR-2018-0000157	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	i3 REX	
4625	BMW	BMX	New Submission	Submitted	5/28/2018 9:47:20		BMX-DR-2018-0000152	Defect Report	DR - Crankcase Ventilation System	BMW	X6 xDrive50i	
4626	Volvo Car USA, LLC	VVX	Correction	Superseded	5/8/2018 14:18:11	5/24/2018 13:22:14	VVX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
4627	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	K1500 SUBURBAN 4WD	
4628	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4629	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	K15 SILVERADO 4WD	
4630	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 5:46:29		MBX-DR-2018-0000115	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4631	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4632	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4633	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4634	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
4635	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
4607		HVGAM04.0NJA	2017	On-Board Diagnostic (OBD) System
4608		KTYXV02.5P3A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4609		KTYXV02.5P33	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4610		KTYXV02.5P34	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4611		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4612		GMBXT03.0U2A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4613		CMBXT03.0U2B	2012	Computer Related (Other than On-Board Diagnostic (OBD) System)
4614		BMBXT03.0U2B	2011	Computer Related (Other than On-Board Diagnostic (OBD) System)
4615		DHNVX03.5VC3	2013	On-Board Diagnostic (OBD) System
4616		GVVXT02.0P3T	2016	Drivetrain/Transmission System
4617		EADXV02.03PA	2014	Air Inlet System (Including Turbo and Superchargers)
4618		JTYXV03.5M5A	2018	Emission Control Information Label
4619		JTYXV02.5P34	2018	Emission Control Information Label
4620		HNSXV02.0NJA	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4621		HNSXV02.0NJA	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4622		HVVXT02.0U3T	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4623		JVVXJ02.0125	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4624		GBMXV00.613R	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4625		FBNXT04.4F15	2015	Crankcase Ventilation System
4626		GVVXT02.0P3T	2016	Drivetrain/Transmission System
4627		JGMXT05.3384	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4628		JGMXV03.6165	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4629		JGMXT05.3382	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4630		GMBXT02.1U2A	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4631		JMBXT03.0U2B	2018	On-Board Diagnostic (OBD) System
4632		HMBXV02.0U2B	2017	On-Board Diagnostic (OBD) System
4633		GMBXT03.0U2B	2016	On-Board Diagnostic (OBD) System
4634		FMBXV03.0U2A	2015	On-Board Diagnostic (OBD) System
4635		HMBXT03.0U2B	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4636	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4637	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4638	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	6/15/2018 13:57:03	6/15/2018 15:38:42	HNX-DR-2018-0000202	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	ACCORD	
4639	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	6/15/2018 13:57:03	6/15/2018 15:38:42	HNX-DR-2018-0000202	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	ACCORD	
4640	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/14/2018 14:17:51		VGA-DR-2018-0000195	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	Jetta	
4641	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Volkswagen	BETTLE CONVERTIBLE	
4642	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/15/2018 15:38:42		HNX-DR-2018-0000202	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	ACCORD	
4643	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/15/2018 15:38:42		HNX-DR-2018-0000202	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Honda	ACCORD	
4644	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Jeep	Compass 4X4	2.4L
4645	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Jeep	Cherokee FWD	2.4L
4646	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Jeep	Cherokee 4X4	2.4L
4647	Jaguar Cars Limited	JCX	New Submission	Submitted	6/4/2018 14:17:49		JCX-DR-2018-0000177	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Jaguar Cars	Jaguar XF	
4648	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/4/2018 14:35:38		JLX-DR-2018-0000165	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Jaguar	Jaguar XF	
4649	Land Rover	LRX	New Submission	Submitted	6/4/2018 16:26:25		LRX-DR-2018-0000178	Defect Report	DR - Evaporative Emissions Systems [Including On-Board Refueling and Vapor Recovery (ORVR) Systems]	Land Rover	Range Rover Evoque	
4650	BMW	BMX	New Submission	Submitted	7/2/2018 3:15:45		BMX-DR-2018-0000245	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
4651	BMW	BMX	New Submission	Submitted	7/2/2018 3:19:06		BMX-DR-2018-0000247	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
4652	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 GT3	3.8L

	M	N	O	P
4636		EMEXT03.0U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
4637		DMBXT02.2U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
4638		FHNXV02.44K3	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4639		FHNXU02.42A3	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4640		FVGAV02.0VPD	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4641		DVWXV02.0BSF	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4642		FHNXU02.42A3	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4643		FHNXV02.43K3	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
4644		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4645		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4646		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4647		DJCKV02.0FTN	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4648		ELXV02.0FTN	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
4649		DLRXT02.0001	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4650		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4651		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4652	Automatic.	FPRXV04.0C91	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	R	S	T	U
Daimler AG has determined that the soot particulate sensor could fail due to the following root causes: Root Cause A: Particles on the sensor element resulting from the manufacturing process. Root Cause B: Flaking of the electrode due to insufficient evaporation of humidity inside the sensor element. Both root causes lead to an electrical failure of the soot particulate sensor. In case of failure the Malfunction Indicator Lamp (MIL) is illuminated.				
4636				98181055
Daimler AG has determined that the soot particulate sensor could fail due to the following root causes: Root Cause A: Particles on the sensor element resulting from the manufacturing process. Root Cause B: Flaking of the electrode due to insufficient evaporation of humidity inside the sensor element. Both root causes lead to an electrical failure of the soot particulate sensor. In case of failure the Malfunction Indicator Lamp (MIL) is illuminated.				
4637				1945324
4638 Due to inappropriate calibration of the PCM, when a large amount of contamination adheres to the throttle body bore, the throttle valve may become stuck at the full closed position and the vehicle won't start. The MIL illuminates P2101 for "Throttle Actuator System Malfunction".	8/13/2014	8/17/2015	132912	362
4639 Due to inappropriate calibration of the PCM, when a large amount of contamination adheres to the throttle body bore, the throttle valve may become stuck at the full closed position and the vehicle won't start. The MIL illuminates P2101 for "Throttle Actuator System Malfunction".	7/28/2014	9/17/2015	6815	3
Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPPA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)			120135	120135
Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)				
The conditions below are referenced from the following Field Fix documents: FF_DV2_0BSF_06_18 FF_DV2_03PA_10_18 FF_EV2_0BSF_13_18 FF_EV2_03PA_14_18 -Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. Suction Tube Model: Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers.			2180	2180
4641 Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-On resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function	7/28/2014	9/17/2015	6815	3
4642 Due to inappropriate calibration of the PCM, when a large amount of contamination adheres to the throttle body bore, the throttle valve may become stuck at the full closed position and the vehicle won't start. The MIL illuminates P2101 for "Throttle Actuator System Malfunction".	9/14/2014	8/17/2015	551846	62
4643 Due to inappropriate calibration of the PCM, when a large amount of contamination adheres to the throttle body bore, the throttle valve may become stuck at the full closed position and the vehicle won't start. The MIL illuminates P2101 for "Throttle Actuator System Malfunction".	12/15/2017	3/7/2018	1652	16
4644 Some 2018 MY Jeep® Renegade and Jeep® Cherokee equipped with a 2.4L engine (sales code ED6 or ED8), Fiat 500X equipped with a 2.4L engine (sales code ED8), and Jeep® Compass equipped with a 2.4L engine (sales code ED6, ED8, or EDE) vehicles may experience a Malfunction Indicator Lamp (MIL) illumination, P2226 baromet	12/15/2017	3/7/2018	1652	16
4645 Some 2018 MY Jeep® Renegade and Jeep® Cherokee equipped with a 2.4L engine (sales code ED6 or ED8), Fiat 500X equipped with a 2.4L engine (sales code ED6, ED8, or EDE) vehicles may experience a Malfunction Indicator Lamp (MIL) illumination, P2226 baromet	12/15/2017	3/7/2018	1652	16
4646 Some 2018 MY Jeep® Renegade and Jeep® Cherokee equipped with a 2.4L engine (sales code ED6 or ED8), Fiat 500X equipped with a 2.4L engine (sales code ED8), and Jeep® Compass equipped with a 2.4L engine (sales code ED6, ED8, or EDE) vehicles may experience a Malfunction Indicator Lamp (MIL) illumination, P2226 baromet	12/15/2017	3/7/2018	1652	16
4647 In affected vehicles, if the engine coolant temperature is below 60 degrees C, spark is retarded. Under these conditions, if the vehicle is driven with repeated throttle back-outs, misfires are induced which overheat the catalyst. Over time, these set of conditions will result in catalyst damage with MIL illumination and Low Catalyst Efficiency DTC.			3405	340
4648 In affected vehicles, if the engine coolant temperature is below 60 degrees C, spark is retarded. Under these conditions, if the vehicle is driven with repeated throttle back-outs, misfires are induced which overheat the catalyst. Over time, these set of conditions will result in catalyst damage with MIL illumination and Low Catalyst Efficiency DTC.			1101	110
4649 The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Codes (DTC) flagging a problem with the Valve-Fuel Vapor Purge. 98% of the parts investigated were no-fault-found. The remaining 2% of the parts investigated had failed due to cracking of the valve as a result of extreme vehicle driving maneuvers causing stress on the valve. 95 of the 98% of the no-fa			18067	108
The affected part number 13537823400 relates to the FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMT03.0N37, BMW decided a warranty extension to full useful life (10 years / 120.000mi). Please see corresponding EDIR-GF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RETURN LINE is/was working properly and has/had no malfunction.	7/31/2014	6/30/2015	7396	908
The affected part number 13538506546 relates to the HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMT03.0N37, BMW decided a warranty extension to full useful life (10 years / 120.000mi). Please see corresponding EDIR-GF-N57/N47-0267. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR) is/was working properly and has/had no malfunction.	7/31/2014	6/30/2015	7396	908
Thermostat Inserts (partNs: 9A110622602, 9A110622603) are being replaced in the field for illuminating the MIL. Fault P2181 is usually stored. Various root causes were found: Residual dirt in the cooling system. Spring force too low. Frictional resistance between the heating pin and sealing body. Wax element defective.				
4652				9799

	A	B	C	D	E	F	G	H	I	J	K	L
4653	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 CC FWD	
4654	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
4655	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 Inscription FWD	
4656	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
4657	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
4658	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	

	M	N	O	P
4653		FVXX02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4654		GVVX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4655		GVVX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4656		GVVX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4657		FVXX02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4658		FVXX02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
4653	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
4654	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
4655	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
4656	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
4657	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
4658	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226

	A	B	C	D	E	F	G	H	I	J	K	L
4659	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
4660	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
4661	Porsche AG	PRX	New Submission	Submitted	6/25/2018 15:47:31		PRX-DR-2018-0000239	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Porsche	911 Carrera 4 Cabriolet	3.4L
4662	BMW	BMX	Correction	Submitted	6/29/2018 2:48:38		BMX-DR-2018-0000241	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
4663	BMW	BMX	Correction	Submitted	6/29/2018 2:48:38		BMX-DR-2018-0000241	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
4664	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo S	3.8L
4665	Porsche AG	PRX	New Submission	Submitted	6/28/2018 11:27:03		PRX-DR-2018-0000254	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Turbo S Cabriolet	3.8L

	M	N	O	P
4659		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4660		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4661	Automatic and Manual.	FPRXV04.0C91	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4662		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4663		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4664	Automatic	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4665	Automatic	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
4659	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
4660	<p>Component: Fuel low pressure sensor (LPS).</p> <p>The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
4661	<p>High pressure fuel pumps (part numbers 9A111031506 and 9A1110315FX) are being replaced in the field due to the MIL being illuminated. Faults P1281, P053F and P1021 are most frequently stored.</p> <p>It has been determined that the material in the fuel filter was allowing dirt particles that were too large to enter the high pressure fuel pump. This would cause damage to the pump. The fuel filter material has been changed.</p>			9799	78
4662	<p>The affected part number 13537800601 relates to the Pressure Accumulator (Fuel Rail).</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/n47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component pressure accumulator (fuel rail) is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	3695	381
4663	<p>The affected part number 13537800601 relates to the Pressure Accumulator (Fuel Rail).</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/n47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component pressure accumulator (fuel rail) is/was working properly and has/had no malfunction.</p>	6/30/2014	5/31/2015	3695	381
4664	<p>? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set.</p> <p>? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.</p>	6/6/2013	5/27/2014	10574	47
4665	<p>? VVS Camshaft Adjustment Actuator Valves (Part#9A110530803) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>? The Variable Valve Lift Control Monitor compares the difference between cylinder banks during small and large lift in closed loop operation, when the measured difference is larger or less than 18% then DTC P1381 or P1382 (P1381[Bank1] / P1382[Bank2]; comparison of closed loop regulator differences between cylinder banks during small and large lift) is set.</p> <p>? Analyses revealed a deformation inside of the VVS valve, caused by low temperature during the manufacturing process. This leads to an incomplete closing of the valve.</p>	6/6/2013	5/27/2014	10574	47

	A	B	C	D	E	F	G	H	I	J	K	L
4666	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i Gran Turismo	
4667	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	550i	
4668	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Gran Coupe	
4669	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Gran Coupe	
4670	Hyundai Motor Company	HYX	Correction	Superseded	7/10/2018 8:37:50	10/1/2018 17:08:34	HYX-DR-2018-0000277	Defect Report	DR - Emission Control Information Label	KIA	Optima S	
4671	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER HARDTOP 2 DOOR	
4672	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	340i	

	M	N	O	P
4666		DBMXV04.4N63	2013	Crankcase Ventilation System
4667		DBMXV04.4N63	2013	Crankcase Ventilation System
4668		DBMXV04.4N63	2013	Crankcase Ventilation System
4669		EBMXV04.4N63	2014	Crankcase Ventilation System
4670		JHYXV02.4AJ5	2018	Emission Control Information Label
4671		KBMXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4672		JBMXV03.0B58	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
4666	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
4667	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
4668	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400
4669	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
4670	<p>ome 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of the printing plate.</p> <p>Hyundai will replace the misprinted filler caps with the right ones.</p>			65928	234
4671	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/17/2018	6/12/2018	923	923
4672	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/17/2018	6/5/2018	177	177

	A	B	C	D	E	F	G	H	I	J	K	L
4673	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i Coupe	
4674	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JCW COUNTRYMAN ALL4	
4675	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive Sports Wagon	
4676	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/2/2018 13:44:28		JLX-DR-2018-0000262	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4677	Volkswagen	VWX	New Submission	Submitted	7/2/2018 15:26:15		VWX-DR-2018-0000267	Defect Report	DR - Catalyst System	Volkswagen	TQJAREG	
4678	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Coupe xDrive	
4679	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB	

	M	N	O	P
4673		JBMXV03.0B2X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4674		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4675		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4676		FJLXT02.0FTP	2015	Air Inlet System (Including Turbo and Superchargers)
4677		DVWXT03.6U76	2013	Catalyst System
4678		DBMXV04.4N63	2013	Crankcase Ventilation System
4679		DBMXV04.4N63	2013	Crankcase Ventilation System

	Q	R	S	T	U
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>46/73 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	5/31/2018	189	189
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description:</p> <p>46/74 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/23/2018	6/8/2018	121	121
	<p>The part number 13518573162 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY15 Diesel models with 6 cylinder engine N57 (Test Groups FBMXV03.0N57 and FBMXT03.0N57). Beginning with 12/2016 a more robust hardware with part number 13518597821 was introduced in production and as replacement part in service.</p> <p>The part number 13518571796 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY15 Diesel models with 4 cylinder engine N47 (Test Groups FBMXV02.0N47 and FBMXT02.0N47). Beginning with 12/2016 a more robust hardware with part number 13518597819 was introduced in production and as replacement part in service.</p> <p>Analysis (applying to the original built part numbers 13518573162 and 13518571796 for component high pressure fuel pump Diesel) have shown that regional varying gasoline quality have a great impact on the mechanical deterioration of the component high pressure pump.</p> <p>In worst cases a lower quality could lead to a break down respectively to mechanical cuttings of the high pressure pump track roller. Those metal warfs could float through the entire fuel system (e.g. high pressure/low pressure system and tanks) and accumulate anywhere. Such a contaminated system could not provide the necessary rail pressure at engine start (causing a non-starter) respectively could lead to a limp home mode including a performance reduction. OBD system will identify those malfunctions and trigger a fault code storage with MIL illumination. The replacement of the high pressure fuel pump has been in all cases the right measure to repair the malfunction.</p> <p>46/75</p>	6/30/2014	6/29/2015	3695	382
	<p>A customer may report the malfunction indicator lamp (MIL) is illuminated, lack of power and sometimes noise coming from the engine bay. The stored diagnostic trouble code (DTC) points to "turbocharger under-boost" which results from a failure of the Turbo-Exhaust Manifold.</p> <p>46/76 Jaguar Land Rover introduced a brazed scroll manifold which at high time in service is starting to disintegrate. The root cause being a combination of thermal fatigue and vibrations which will make the joints loose.</p>			18201	6370
	<p>Customer Complaint: MIL on, vibration, and engine compartment noise</p> <p>Component: Catalytic Converter Support Bracket</p> <p>Production Part Number (Catalyst): 7P0 254 301 CX</p> <p>Part analysis reflects part number: 7P0 254 301 CX</p> <p>46/77 Due to improper positioning of a welding pool, the weld load-bearing cross-section could be too thin, which could lead to a crack in the Catalytic Converter support bracket to crack. This condition is specific to the catalyst support bracket on the passenger side of vehicle only, cylinders 4-6. Prior to this improvement, catalytic converter replacements were consequentially replaced due to the bracket concern described above.</p>			5468	5468
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p> <p>46/78</p>	6/30/2012	5/31/2013	39763	2400
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15.</p> <p>The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p> <p>46/79</p>	6/30/2012	5/31/2013	39763	2400

	A	B	C	D	E	F	G	H	I	J	K	L
4680	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	550i xDrive	
4681	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500L	
4682	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
4683	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500L	
4684	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Stelvio AWD	
4685	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:34:53		GMX-DR-2018-0000325	Defect Report	DR - Hybrid Vehicle System			
4686	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	TERRAIN	
4687	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
4688	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8

	M	N	O	P
4680		DBMXV04.4N63	2013	Crankcase Ventilation System
4681		FCRXJ01.45P0	2015	On-Board Diagnostic (OBD) System
4682		FCRXJ01.45P0	2015	On-Board Diagnostic (OBD) System
4683		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
4684		JCRXJ02.05P0	2018	On-Board Diagnostic (OBD) System
4685		EGMXV01.4011	2014	Hybrid Vehicle System
4686		JGMXT02.0100	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4687		GNSXV01.8G1A	2016	On-Board Diagnostic (OBD) System
4688		FNSXV01.8G1A	2015	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. Complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/ was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	6/30/2012	5/31/2013	39763	2400
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LO (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			293	293
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LO (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			293	293
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LO (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LO (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P107F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P107F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P107F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P107F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			19486	19486
	<p>4685 In certain vehicles the hybrid drive motor battery cell pouches may leak electrolyte internally in the battery pack. This can cause a loss of cell voltage and reduced battery pack capacity. The leak is likely a result of moisture in the air that enters the battery pack vent and interacts with internal components. Incidents of such leaks have been identified primarily in hot and humid states. Ad</p> <p>4686 The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p>			18	0
				15	15
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			1039	0
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			8813	2

	A	B	C	D	E	F	G	H	I	J	K	L
4689	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5
4690	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5
4691	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	SENTRA	1.8
4692	Ford Motor Company	FMX	New Submission	Submitted	7/25/2018 16:40:15		FMX-DR-2018-0000266	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4693	Porsche AG	PRX	Correction	Submitted	7/23/2018 15:00:04		PRX-DR-2018-0000323	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne S e-Hybrid	3.0L
4694	Porsche AG	PRX	Correction	Submitted	7/23/2018 15:00:04		PRX-DR-2018-0000323	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne S e-Hybrid	3.0L
4695	FCA US LLC	CRX	New Submission	Submitted	7/27/2018 13:25:17		CRX-DR-2018-0000355	Defect Report	DR - Diesel Particulate Filter System			
4696	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 13:55:39		VGA-DR-2018-0000377	Defect Report	DR - Crankcase Ventilation System	Audi	RS7	
4697	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4698	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4699	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4700	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 14:47:19		NSX-DR-2018-0000384	Defect Report	DR - Emission Control Information Label	NISSAN	Rogue Sport AWD	
4701	Porsche AG	PRX	New Submission	Submitted	8/2/2018 11:41:10		PRX-DR-2018-0000372	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Cayenne	3.6L
4702	BMW	BMX	New Submission	Submitted	8/8/2018 3:23:44		BMX-DR-2018-0000390	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d	

	M	N	O	P
4689		DNSXV02.5GSA	2013	On-Board Diagnostic (OBD) System
4690		DNSXV02.5GSA	2013	On-Board Diagnostic (OBD) System
4691		FNSXV01.881B	2015	On-Board Diagnostic (OBD) System
4692		FFMXT02.73JJ	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4693 Automatic		HPRXT03.0PHV	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4694 Automatic		GPRXU03.0PHV	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4695		FCRXT03.0SPV	2015	Diesel Particulate Filter System
4696		FVGAV04.0NUA	2015	Crankcase Ventilation System
4697		AMBXT03.0HD1	2010	Electrical Wiring, Sensor, and Actuator Systems
4698		CMBXT03.0HD1	2012	Electrical Wiring, Sensor, and Actuator Systems
4699		BMBXT03.0HD2	2013	Electrical Wiring, Sensor, and Actuator Systems
4700		JNSXV02.0PMA	2018	Emission Control Information Label
4701 Automatic		JPRXT03.6PV6	2018	Electrical Wiring, Sensor, and Actuator Systems
4702		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
4689	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			8818	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
4690	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			2194	0
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (±100 deg. F). The vehicles are able to be restarted.				
4691	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			1923	0
4692	Some 2015 2.7L gasoline turbocharged direct injection (GTDI) vehicles were built with a fuel vapor hose assembly where the vapor blocking valve (VBV) can become stuck open or stuck closed due to sub-standard clearance between the moving plunger and a stationary core.			32921	3559
4693	Fuel tank isolation valves, part number 95820155900, are being replaced in the field for MIL illumination and because the vehicle cannot be filled with fuel. A valve that sticks closed will not allow the fuel vapors to vent properly when refueling. Most frequent faults stored when the MIL is illuminated are P30DC00 and P242100.			187	27
4694	Fuel tank isolation valves, part number 95820155900, are being replaced in the field for MIL illumination and because the vehicle cannot be filled with fuel. A valve that sticks closed will not allow the fuel vapors to vent properly when refueling. Most frequent faults stored when the MIL is illuminated are P30DC00 and P242100.	6/17/2015	5/18/2016	2553	38
	Some 2014-2016 MY Jeepz Grand Cherokee and RAM 1500 vehicles equipped with a 3.0L diesel engine are experiencing DOC/DPF replacements. The Malfunction Indicator Lamp (MIL) illuminates. The majority of the diagnostic trouble codes on the vehicle at the time of part replacement were P2463 (DPF soot accumulation) and P2002 (DPF efficiency below threshold). P1030 (oil viscosity) and P0420 (catalyst efficiency-bank 1) were present to a lesser extent.				
	FCA US LLC engineering reviewed 2014-2016 model year U.S. market claims for DOC/DPF replacement to assess causal factors on a larger population to ensure statistical significance. Of those, 27% had no related diagnostic trouble codes (DTC??) or information to determine why the DOC/DPF was replaced. The remaining claims revealed the following:				
	-13% of DOC/DPF assemblies were replaced due to damage to the mounting studs (broken/tripped) when attempting to replace the SCR catalyst or repair an exhaust leak at the bolted joint. There was no indication of a DTC or other issue with the DOC/DPF.				
	-57% of the DOC/DPF assemblies were replaced due to the presence of DTC P2463 or P2002. Most of the claims has a service regeneration attempted and failed prior to part replacement. In May 2018, FCA revised the WiTech service tool software to ensure that the Technician would correct any existing DTCs that would prevent the service regeneration from running properly. Since the WiTech software update, 77% of the vehicles were confirmed repaired with the service regeneration and did not require a DOC/DPF replacement.				
	Based on this analysis it likely that 87% of the DOC/DPF replacements had issues with effectiveness DOC/DPF catalyst. The majority of the claims are associated with the level of soot present on the catalyst for which the attempt at a service regeneration was not effective.				
4695				40403	915
	Customer Complaint: MIL on, and whistling sound from engine compartment. Component: PCV Valve/Oil Separator Production Part Number: 0791035428 Warranty Replacement Part Number: 079103542E DTC present: - P2197 (Intake Air System Leak - adaption valve monitoring) - P0507 (Idle Control System - RPM Higher than expected)				
	Analysis reflects part number 0791035428				
4696	Analyzed components showed a cracked membrane and/or broken check valve within the module of crankcase ventilation system.			4827	262
4697	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			5566	61
4698	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			15006	1204
4699	DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.			4279	353
4700	Some MY18 Nissan Kicks and MY18.5 Rogue Sport vehicles used an incorrect format on the A/C flammable refrigerant warning label for R1234yf. The label listed charge amounts to two significant digits rather than three as required by SAE J639 (0.XX kg?? instead of 0.XXX kg??). All charge amounts, however, were correct.	12/17/2017	7/3/2018	36492	36492
	Crankshaft speed sensors (part number 95860643300) are being replaced in the field for MIL illumination. Fault code P0322 is most frequently stored.				
4701	Analysis shows that a poor solder joint in the connector area leads to premature failure through heat and vibration.			2025	114
	The affected part number 16117243972 relates to the FUEL PUMP [DELIVERY MODULE]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMV02.0N47, BMW decided a warranty extension to full useful life (10 years / 120.000mi) (please note that the corresponding FIR (equivalent to FIR F-0E 2.0-9) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [DELIVERY MODULE] is/was working properly and has/had no malfunction.				
4702		6/30/2014	5/31/2015	3695	377

	A	B	C	D	E	F	G	H	I	J	K	L
4703	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	Alpina B7 LWB xDrive	
4704	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	650i Convertible	
4705	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	750Li	
4706	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	550i xDrive	
4707	Toyota Motor Corporation	TYX	New Submission	Submitted	8/13/2018 13:28:15		TYX-DR-2018-0000407	Defect Report	DR - On-Board Diagnostic (OBD) System	TOYOTA	TUNDRA 4WD FFV	
4708	Toyota Motor Corporation	TYX	Correction	Submitted	8/13/2018 13:30:33		TYX-DR-2018-0000406	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	LEXUS	RX 350 AWD	
4709	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	GS 350	
4710	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2018 10:45:00		TYX-DR-2018-0000314	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	IS 350 AWD	
4711	Ford Motor Company	FMX	New Submission	Submitted	8/17/2018 11:01:27		FMX-DR-2018-0000360	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			

	M	N	O	P
4703		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
4704		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
4705		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
4706		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
4707		HTYXV03.7XE8	2017	On-Board Diagnostic (OBD) System
4708		HTYXV03.5M5M	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
4709		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4710		BTYXV03.5BEB	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4711		JFMXT03.54HF	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
4712	Porsche AG	PRX	New Submission	Submitted	8/31/2018 9:22:28		PRX-DR-2018-0000524	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne Turbo	4.8L
4713	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330e	
4714	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER HARDTOP 4 DOOR	
4715	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S COUNTRYMAN ALL4	
4716	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	M240i Convertible	
4717	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	S30i	
4718	Porsche AG	PRX	Correction	Submitted	9/12/2018 15:08:52		PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
4719	Porsche AG	PRX	Correction	Submitted	9/12/2018 15:08:52		PRX-DR-2018-0000176	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Porsche	Cayenne Diesel	3 liters
4720	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	TUNDRA 2WD	
4721	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	TUNDRA 4WD	

	M	N	O	P
4712	Automatic:	EPRXT04.8CTD	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4713		JBMXV02.0H48	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4714		KBMXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4715		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4716		JBMXV03.0B2X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4717		JBMXI02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4718	Automatic	FPRXT03.0CDD	2015	Exhaust Gas Recirculation (EGR) System
4719	Automatic	DPRXT03.0CDD	2013	Exhaust Gas Recirculation (EGR) System
4720		HTYXT05.7BEW	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4721		HTYXT05.7BEW	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
	<div>7 Tank Vent Purge Valves (part#s 94811002065, 94811002012, & 94811002013) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</div> <div>7 Desired pressure drop in the evaporative emissions system is not reached in the specified time limit when the purge valve is commanded closed setting DTC P0456.</div> <div>7 Analyses revealed a damaged membrane of the purge valve due to fuel contamination. This leads to an incomplete closing of the valve.</div> <div>4712 7 An improved Tank Vent Purge Valve from a different manufacturer can be used</div>			1423	162
	<div>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</div> <div>Defect description:</div> <div>4713 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</div>	5/28/2018	6/6/2018	151	151
	<div>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</div> <div>Defect description:</div> <div>4714 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</div>	5/17/2018	6/12/2018	923	923
	<div>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</div> <div>Defect description:</div> <div>4715 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</div>	5/20/2018	6/11/2018	2047	2047
	<div>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</div> <div>Defect description:</div> <div>4716 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</div>	5/16/2018	5/31/2018	189	189
	<div>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</div> <div>Defect description:</div> <div>4717 A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</div> <div>4718 Exhaust gas recirculation coolers, part number 95811101170, are being replaced in the field for MIL illumination. The most frequent fault codes stored are P245B00 and/or P040B00.</div> <div>4719 Exhaust gas recirculation coolers, part number 95811101170, are being replaced in the field for MIL illumination. The most frequent fault codes stored are P245B00 and/or P040B00.</div> <div>4720 Customer vehicle may exhibit buzz noise coming from passenger side of the dash under certain driving conditions. It has been identified that the ECM (Engine Control Module) is emitting a buzz noise when engine RPM is around 1,200-2,200 RPM under light acceleration.</div> <div>4721 Customer vehicle may exhibit buzz noise coming from passenger side of the dash under certain driving conditions. It has been identified that the ECM (Engine Control Module) is emitting a buzz noise when engine RPM is around 1,200-2,200 RPM under light acceleration.</div>	5/15/2018 9/6/2014 5/1/2012	6/7/2018 5/23/2015 4/30/2013	1634 3219 5026 37952 37952	1634 13 59 37952 37952

	A	B	C	D	E	F	G	H	I	J	K	L
4722	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
4723	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740i	
4724	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i	
4725	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 xDrive	
4726	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i	
4727	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
4728	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
4729	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
4730	FCAUS LLC	CRX	New Submission	Submitted	9/18/2018 13:16:54		CRX-DR-2018-0000588	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee FWD	
4731	FCAUS LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4732	FCAUS LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4733	FCAUS LLC	CRX	New Submission	Submitted	9/19/2018 10:22:57		CRX-DR-2018-0000575	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4734	FCAUS LLC	CRX	New Submission	Submitted	9/20/2018 16:01:48		CRX-DR-2018-0000592	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4735	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	9/26/2018 14:30:40		NSX-DR-2018-0000578	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q50a	3.0
4736	General Motors LLC	GMX	New Submission	Submitted	9/30/2018 16:54:44		GMX-DR-2018-0000597	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
4737	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
4738	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	1.5L
4739	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
4740	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
4741	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
4742	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5Dr	
4743	Toyota Motor Corporation	TYX	New Submission	Submitted	9/28/2018 15:34:51		TYX-DR-2018-0000606	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER HYBRID AWD	
4744	FCAUS LLC	CRX	New Submission	Submitted	10/8/2018 9:05:38		CRX-DR-2018-0000613	Defect Report	DR - Emission Control Information Label	Jeep	Compass 4x2	
4745	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/8/2018 12:15:22		NSX-DR-2018-0000617	Defect Report	DR - Emission Control Information Label	NISSAN	MURANO AWD	
4746	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB xDrive	

	M	N	O	P
4722		GBMXV04.4N63	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4723		JBMXV03.0B58	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4724		JBMXJ04.4N63	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4725		HBMXV04.4N63	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4726		HBMXV04.4N63	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4727		HHNXV01.5XH2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4728		HHNXV01.54R3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4729		JHNVV01.54K2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4730		KCRXT02.0SP0	2019	Exhaust Gas Recirculation (EGR) System
4731		JCRXT03.2SP0	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4732		KCRXT02.4SP1	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
4733		JCRXT02.4SP1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4734		GCRXT03.0SPV	2016	Air Inlet System (Including Turbo and Superchargers)
4735		GN5XV03.0GHA	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4736		GGMXV01.5002	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4737		JHNVV01.55J2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4738		HHNXV01.5XH2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4739		JHNVV01.5TH2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4740		HHNXV01.55E2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4741		JHNVV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4742		JHNVV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4743		JTYXT03.5P35	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4744		KCRXT02.4SP4	2019	Emission Control Information Label
4745		JNSXV03.5P7C	2018	Emission Control Information Label
4746		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
4722	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63))the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	6/30/2015	5/31/2016	44	44
4723	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63))the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	6/30/2017	2/28/2018	109	109
4724	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63))the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	2/28/2017	6/30/2018	167	167
4725	Due to a logistic failure, the wrong fuel delivery module (located inside the fuel tank) could be installed by the supplier (e.g. delivery module with an outlet for auxiliary heating system, but no auxiliary heating system as an additional hardware installed). As a result the correct supply pressure could not be reached. If the pressure is too high a noise issue or fuel entry in the crankcase could be possible. If the supply pressure is too low an engine stalling could be possible. In these cases, where the delivery module has an outlet for an auxiliary heating system but no auxiliary heating system as an additional hardware is installed, the outlet is covered with a dust cover. Since this area of the system (adapter) has atmospheric pressure, it is expected the component duct cover could be lost only in few cases after a higher mileage. Only in these cases a leakage would be possible which could result in a fuel emission (dropwise). It is expected, that in about 684 vehicles (models 5 Series, 6 Series and 7 Series with different engines (e.g. 4-cylinder engine B46, 6-cylinder engine B58 and 8-cylinder engine N63))the wrong fuel delivery module could be installed in production period 07/2015 through 03/2018.	6/30/2016	5/31/2017	2	2
4726	production period 07/2015 through 03/2018.	6/30/2016	5/31/2017	2	2
4727	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	7/25/2016	10/3/2017	49404	31
4728	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	11/21/2016	10/15/2017	316976	639
4729	Some 2018 MY Jeep Wrangler and 2019 MY Jeep Cherokee vehicles equipped with a GME14 engine (sales code EC2 and EC3) may have an EGR hose that is prone to tear. This causes a MIL to illuminate with a mix of potential DTCs associated with manifold vacuum leaks, including P2122 which will cause the vehicle to enter Limp Mode??. Root cause was determined to be a support	9/18/2017		229496	25
4730	Some 2017 thru 2019 model year Ram 1500 (DSB??), Jeep Wrangler (JKLJ/L?), Jeep Cherokee (XKL??), Jeep Compass (TMP??), Jeep Grand Cherokee (NWK??), Jeep Renegade (RBU??), Fiat 500X (FBB??), Dodge Journey (JC??), Dodge Durango (TWD??), Dodge Challenger (FLA??), Dodge Charger (FLD??), Chrysler 300 (FLX??), Chrysler Town and Country/Dodge Grand Caravan (TRT??) and Chrysler P			16095	16095
4731	Some 2017 thru 2019 model year Ram 1500 (DSB??), Jeep Wrangler (JKLJ/L?), Jeep Cherokee (XKL??), Jeep Compass (TMP??), Jeep Grand Cherokee (NWK??), Jeep Renegade (RBU??), Fiat 500X (FBB??), Dodge Journey (JC??), Dodge Durango (TWD??), Dodge Challenger (FLA??), Dodge Charger (FLD??), Chrysler 300 (FLX??), Chrysler Town and Country/Dodge Grand Caravan (TRT??) and Chrysler P			899	899
4732	Some 2017 thru 2019 model year Ram 1500 (DSB??), Jeep Wrangler (JKLJ/L?), Jeep Cherokee (XKL??), Jeep Compass (TMP??), Jeep Grand Cherokee (NWK??), Jeep Renegade (RBU??), Fiat 500X (FBB??), Dodge Journey (JC??), Dodge Durango (TWD??), Dodge Challenger (FLA??), Dodge Charger (FLD??), Chrysler 300 (FLX??), Chrysler Town and Country/Dodge Grand Caravan (TRT??) and Chrysler P			20	20
4733	Some 2017 thru 2019 model year Ram 1500 (DSB??), Jeep Wrangler (JKLJ/L?), Jeep Cherokee (XKL??), Jeep Compass (TMP??), Jeep Grand Cherokee (NWK??), Jeep Renegade (RBU??), Fiat 500X (FBB??), Dodge Journey (JC??), Dodge Durango (TWD??), Dodge Challenger (FLA??), Dodge Charger (FLD??), Chrysler 300 (FLX??), Chrysler Town and Country/Dodge Grand Caravan (TRT??) and Chrysler P			2005	2005
4734	On certain vehicles P2004 (Intake manifold runner functional performance bank 1) and P2008 (intake manifold runner functional performance bank 2) DTCs are set when the swirl valves do not respond appropriately to an ECM command. This results in the illumination of the malfunction indicator lamp. When this occurs, swirl valve closed loop functionality is disabled, the valve is set to			32073	9
4735	On some 2016 Infiniti Q50 vehicles (B OL V6), customers are experiencing an engine misfire or rough running condition with associated MIL Illumination (DTC P0301-P0306). Infiniti has investigated and found that the fuel injector may possibly become stuck open due to the potential presence of burrs left behind in the fuel supply)	10/20/2015	7/25/2016	15819	69
4736	In certain vehicles a performance fault may occur in the fuel injector control circuits internal to the Engine Control Module (ECM). This is typically caused by an ECM component failure. These faults cause the MIL to illuminate and typically limit fuel injector function.			23242	25
4737	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	9/18/2017		2291	0
4738	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	7/25/2016		49404	31
4739	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	8/2/2017	10/3/2017	31406	8
4740	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	7/28/2016	10/3/2017	42097	27
4741	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	8/2/2017		23920	6
4742	Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate.	6/2/2017		23919	6
4743	When operating under certain conditions involving high altitude and temperature, the vehicle may experience DTW P3190 (Poor Engine Power) and reduced internal combustion engine power. In this condition, the vehicle will illuminate the check engine light and may enter an EV/fail-safe mode if the internal combustion engine shuts down.			5738	5738
4744	Some 2019 MY Jeep Cherokee (XKL?) vehicles equipped with a 2.4L engine (sales code EDE) may have a VECI label that contains incorrect information including the wrong EPA and CARB emission standard.			1539	1539
4745	On some MY2018 Nissan Murano vehicles , a material handling error resulted in MY2017 VECI labels being installed in error.	7/30/2018	8/3/2018	42	42
4746	The affected part number 13S1B604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives. Beginning with 12/2015 a new filter material (PREK?? instead of PA) for the filter was introduced in				

	A	B	C	D	E	F	G	H	I	J	K	L
4747	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750Li xDrive	
4748	Mercedes Benz	MBX	New Submission	Submitted	10/30/2018 19:35:56		MBX-DR-2018-0000676	Defect Report	DR - Hybrid Vehicle System			
4749	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x4	
4750	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	
4751	FCA US LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x4	
4752	Audi	ADX	New Submission	Submitted	11/7/2018 15:06:31		ADX-DR-2018-0000691	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	GTI	
4753	Volkswagen	VWX	New Submission	Submitted	11/7/2018 15:44:09		VWX-DR-2018-0000692	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volkswagen	BEETLE	
4754	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/26/2018 14:48:50		NSX-DR-2018-0000602	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ARMADA 2WD	
4755	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	3.0L
4756	FCA US LLC	CRX	New Submission	Submitted	11/8/2018 13:33:07		CRX-DR-2018-0000695	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			

	M	N	O	P
4747		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4748		HMBXV02.0HY1	2017	Hybrid Vehicle System
4749		GCRXT03.05PV	2016	Exhaust Gas Recirculation (EGR) System
4750		HCRXT03.05PV	2017	Exhaust Gas Recirculation (EGR) System
4751		ECRXT03.05PV	2014	Exhaust Gas Recirculation (EGR) System
4752		DADXV02.03PA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4753		DVNXV02.03PA	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4754		JNSXT05.6N9C	2018	On-Board Diagnostic (OBD) System
4755 7DCT		JHNV03.08H3	2018	On-Board Diagnostic (OBD) System
4756		JCRXT02.45PA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>The affected part number 13518604232 relates to the component HIGH PRESSURE FUEL PUMP. Analysis have shown that in about 81% of all cases the high pressure pump has been replaced due to a correct fault code entry and MIL illumination, identifying the malfunction of that specific component. Deterioration of gasoline filter materials emitting small filter particles, lead to a blockade of the high pressure valve. The deterioration of the gasoline filter could be traced back to high temperature conditions and low gasoline quality respectively inadequate gasoline additives. Beginning with 12/2015 a new filter material (PEEK?? instead of PA) for the filter was introduced in production and services.</p>	2/28/2014	5/31/2015	11445	1259
	<p>Daimler AG has determined that in the affected vehicles a plausibility error of the temperature sensor within the power electronics could be detected erroneously, although the system works properly. In this case, the check engine warning lamp (MIL) would be activated falsely.</p>	5/31/2016	5/30/2017	499	499
	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler. 7457 (16%) had a plugged or restricted EGR cooler due to soot. 7108 (3.7%) had an EGR bypass that was stuck or broken. 7106 (3.70%) had an issue with an adjoining component 751 (1.78%) had an external EGR cooler leak 750 (1.75%) had an unknown failure not related to the EGR cooler</p>			32075	1047
	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler. 7457 (16%) had a plugged or restricted EGR cooler due to soot. 7108 (3.7%) had an EGR bypass that was stuck or broken. 7106 (3.70%) had an issue with an adjoining component 751 (1.78%) had an external EGR cooler leak 750 (1.75%) had an unknown failure not related to the EGR cooler</p>			13771	89
	<p>Some 2014-2017 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing ERG cooler replacements. FCA US analyzed 2863 warranty claims throughout the United States from MY 2014-2017 and found the following results:</p> <p>72091 (73 %) had an internal leak in the EGR cooler. 7457 (16%) had a plugged or restricted EGR cooler due to soot. 7108 (3.7%) had an EGR bypass that was stuck or broken. 7106 (3.70%) had an issue with an adjoining component 751 (1.78%) had an external EGR cooler leak 750 (1.75%) had an unknown failure not related to the EGR cooler</p>			28721	542
	<p>Complaint: MIL on Component: Fuel Injector Production Part Number: 06H 906 036 G Replacement Part Number: 06H 906 036 P DTCs Present: P0300-P0304 (Random/Multiple Cylinder Misfire Detected) P130A (Hide Cylinder) P0087 (Fuel Rail/System Pressure ? Too Low) Part Analysis reflects part number: 06H 906 036 G 17x ? Internal leakage / Stuck by metal debris 4x ? Contamination by Carbon 21x ? No Trouble Found</p>			12379	258
	<p>Complaint: MIL on Component: Fuel Injector Production Part Number: 06H 906 036 G Replacement Part Number: 06H 906 036 P DTCs Present: P0300-P0304 (Random/Multiple Cylinder Misfire Detected) P130A (Hide Cylinder) Part Analysis reflects part number: 06H 906 036 G 38x ? Torn filter-mesh 22x ? Internal Leak 7x ? Excessive carbon build-up 5x ? Clogged spray ports</p>			32748	966
4753	35x NTF				
4754	On some MY2018 Nissan Armada vehicles, customers are experiencing a malfunction indicator light illumination (DTC P0138 / P0158) when a problem does not exist. Nissan has investigated and found that, under certain conditions (higher than anticipated engine RPM during sensor warm-up sequence, shortly after cold engine s	3/24/2017	10/16/2018	34569	26
4755	The OBD system may falsely detect a malfunction of the "Shift by wire Control (Incorrect parking lock indication)" when driver push "parking" button in a certain condition.	1/30/2018	8/1/2018	1324	0
4756	Some 2017-2018 MY Jeep® Renegade vehicles equipped with flex fuel E85 compatible fuel systems (sales code XKN), may experience cavitation which will cause loss of fuel pressure under certain environmental conditions while using standard 10% Ethanol (E10) fuel due to the fuel pump inlet cover being out of specification. In some cases, an engine Malfunction Indicator Lamp (MIL) mal			7	7

	A	B	C	D	E	F	G	H	I	J	K	L
4757	FCA US LLC	CRX	New Submission	Superseded	11/8/2018 13:40:32	7/8/2019 9:37:24	CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4758	Volkswagen	VWX	New Submission	Submitted	10/19/2018 10:39:38		VWX-DR-2018-0000641	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Jetta	
4759	BMW	BMX	Correction	Superseded	10/30/2018 8:05:05	10/30/2018 12:06:46	BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i	
4760	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 10:28:05		VGA-DR-2018-0000657	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	Tiguan	
4761	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/23/2018 14:30:37		JLX-DR-2018-0000642	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4762	BMW	BMX	Correction	Submitted	10/30/2018 12:06:45		BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i xDrive (SWB)	
4763	BMW	BMX	Correction	Submitted	10/30/2018 12:06:45		BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i xDrive	

	M	N	O	P
4757		FCRXV03.65PB	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4758		DVWXJ02.03UA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4759		HBMXV04.4N63	2017	Electrical Wiring, Sensor, and Actuator Systems
4760		PVGAJ02.0VUE	2015	Air Inlet System (Including Turbo and Superchargers)
4761		EJLXT02.0001	2014	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4762		HBMXV04.4N63	2017	Electrical Wiring, Sensor, and Actuator Systems
4763		HBMXV04.4N63	2017	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>4752 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			956	66
	<p>-Complaint: Not Applicable -Component: Transmission Control Software Calibration -Production Part Numbers: N/A -Replacement Part Number: See table Certified calibrations, applicable to the model year, test group, and model will be defined and applied to vehicles within the affected populations defined in the family and model details section. -DTCs Present: Not Applicable -Analysis reflects part numbers (Software calibrations): 02E300012W_2099 02E300057Q_3119 02E300058N_3501 02E300058N_3504 02E300058N_3512 02E300058N_3520 02E300062K_4002 0CG300045F_5303 0CG300045F_5308 0CG300045G_5801 02E300057R_3114</p> <p>-Analysis: During an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>Of the affected 301 Model Year 2013 7 2014 vehicles, 286 vehicles are represented by 3 of the 7 Test Groups reported; the remaining 4 Test Groups have 9 or less vehicles.</p> <p>4758</p>			4	4
	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics /component ?spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p> <p>4759</p>	6/30/2016	5/31/2017	5037	1914
	<p>Customer Complaint: MIL on Component: Intake Manifold Production Part Number: 06J 133 185 ES Interim Part Number: 06J 133 201 BD Warranty Replacement Part Number: 06J 133 201 BH The following DTCs were observed:</p> <ul style="list-style-type: none">- P2015 Intake Manifold Runner Position Sensor Range/Performance- P0507 Idle Control System RPM Higher than Expected- P2187 System too lean at idle- P0300-P0304 Misfire Detected <p>Part analysis reflects part number: 06J 133 185 ES</p> <ul style="list-style-type: none">-28x Cracked/broken plastic rivet head-1x Binding gear-1x Vacuum valve stuck closed-7x No Trouble Found <p>Failure Analysis:</p> <ul style="list-style-type: none">-Cracked/broken plastic rivet heads are caused by a quality issue at supplier.-Abnormal wear in cavity of production tool #2 causes the load-bearing surface to be under specifications, which may lead to cracking/breakage over time. <p>4760</p>			24111 2367	1118 186
	<p>The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Codes (DTC) flagging a problem with the evaporative emissions system and causing the replacement of the Diagnostic Module Tank Leakage (DMTL) pump. The 45% of the replaced DMTL pumps that were investigated, were determined to be no fault found. Root cause in these cases was determined</p> <p>4761</p>				
	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics /component ?spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p> <p>4762</p>	6/30/2016	2/27/2017	5037	1914
	<p>The affected part numbers 51137497285, 51747497279, 51748091762 and 51138091760 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that these components were replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics /component ?spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p> <p>4763</p>	6/30/2016	2/27/2017	5037	1914

	A	B	C	D	E	F	G	H	I	J	K	L
4764	BMW	BMX	Correction	Submitted	10/30/2018 12:06:45		BMX-DR-2018-0000673	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	750i	
4765	General Motors LLC	GMX	New Submission	Submitted	10/30/2018 14:52:54		GMX-DR-2018-0000668	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4766	Audi	ADX	New Submission	Superseded	10/30/2018 15:00:07	10/30/2018 15:26:49	ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
4767	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8 quattro	
4768	Audi	ADX	Correction	Submitted	10/30/2018 15:26:49		ADX-DR-2018-0000674	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	Q5	
4769	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:37:36		GMX-DR-2018-0000708	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
4770	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	11/16/2018 15:09:56		VGA-DR-2018-0000730	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Atlas	
4771	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S HARDTOP 4 DOOR	
4772	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER HARDTOP 4 DOOR	
4773	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER COUNTRYMAN	
4774	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER COUNTRYMAN ALL4	

	M	N	O	P
4764		HBMXV04.4N63	2017	Electrical Wiring, Sensor, and Actuator Systems
4765		EGMXV02.0021	2014	Electrical Wiring, Sensor, and Actuator Systems
4766		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
4767		GVSA003.0NJA	2016	Electrical Wiring, Sensor, and Actuator Systems
4768		EADXJ03.04UG	2014	Electrical Wiring, Sensor, and Actuator Systems
4769		HGMXV03.6048	2017	Heating, Ventilation, and Air Conditioning (HVAC) System
4770		JVGA703.6VAS	2018	On-Board Diagnostic (OBD) System
4771		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
4772		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
4773		KBMXV01.5M3X	2019	On-Board Diagnostic (OBD) System
4774		KBMXV01.5M3X	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4775	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 sDrive28i	
4776	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS HARDTOP	
4777	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive	
4778	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive Sports Wagon	
4779	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	740Ld xDrive	
4780	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
4781	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive 35d	

	M	N	O	P
4775		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
4776		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
4777		EBMXV02.0N47	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4778		HBMXV02.0N47	2017	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4779		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System
4780		HBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
4781		GBMXT03.0N57	2016	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
4775	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, [permanent] DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.	6/30/2017	10/30/2018	20456	20456
4776	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, [permanent] DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	775	775
4777	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
4778	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2016	6/29/2017	1204	1204
4779	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	2/28/2014	6/29/2015	1505	1505
4780	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2016	6/29/2017	1204	1204
4781	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	11/30/2015	7/30/2016	1696	1696

	A	B	C	D	E	F	G	H	I	J	K	L
4702	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
4703	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive 35d	
4704	BMW	BMX	New Submission	Submitted	11/19/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 LWB xDrive	
4705	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:38:16		MBX-DR-2018-0000717	Defect Report	DR - On-Board Diagnostic (OBD) System			
4706	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:14:57		MBX-DR-2018-0000715	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4707	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:14:57		MBX-DR-2018-0000715	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4708	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
4709	Subaru Corporation	FIX	New Submission	Submitted	11/15/2018 14:37:07		FIX-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA AWD	
4790	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 5:46:35		MBX-DR-2018-0000725	Defect Report	DR - On-Board Diagnostic (OBD) System			
4791	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
4792	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 7:41:33		MBX-DR-2018-0000722	Defect Report	DR - Catalyst System			
4793	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4794	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
4782		GBMXV03.0N57	2016	Exhaust Gas Recirculation (EGR) System
4783		FBMXT03.0N57	2015	Exhaust Gas Recirculation (EGR) System
4784		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4785		FMBXV05.5U2A	2015	On-Board Diagnostic (OBD) System
4786		HMBXV04.0U2A	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4787		GMBXV04.0U2A	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4788		HMBXU03.0U2A	2017	On-Board Diagnostic (OBD) System
4789		DFJXJ02.5MLP	2013	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4790		KMBXV02.0U2D	2019	On-Board Diagnostic (OBD) System
4791		CMBXV05.5U2B	2012	Catalyst System
4792		DMBXU03.552A	2013	Catalyst System
4793		GMBXV04.0U2A	2016	On-Board Diagnostic (OBD) System
4794		EMBXV02.0U2C	2014	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
4702	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	10/30/2016	1209	1209
4703	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	7/31/2014	11/29/2015	7399	7399
4704	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXYD4.4NE3 except the S Series models 550i and 550i xDrive where another hardware (different pressure sensor with diff	6/30/2012	6/29/2013	17280	1037
4705	Daimler AG has determined that on certain S-Class (platforms 217 and 222) vehicles in one special use case the software might detect a misfire even when no misfire occurred. The issue only occurs when driving down a hill while catalyst heating may be necessary (about max. 60 seconds after cold start of the engine). In this case, the Malfunction Indicator Lamp (MIL) would erroneously			30470	4
4706	Daimler AG has determined that on certain C-Class vehicles (205 platform) the scantool output of the in-use performance ratio of the tank leak diagnosis could be incorrect due to a software error. In case of the described defect, the scantool output of the in-use performance ratio is always zero, although the diagnosis system works properly.			2	0
4707	Daimler AG has determined that on certain C-Class vehicles (205 platform) the scantool output of the in-use performance ratio of the tank leak diagnosis could be incorrect due to a software error. In case of the described defect, the scantool output of the in-use performance ratio is always zero, although the diagnosis system works properly.			1013	0
4708	Daimler AG has determined that certain E-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning du			3383	0
4709	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.			536	1
4790	Daimler AG has determined that certain M-Class (platform 167), C-Class (platform 205), CLS-Class (platform 257), E-Class (platform 213 and 238) and S-Class (platform 217 and 222) experience a software error. In case of the described defect, stored faults could be deleted prior to completion of a full driving cycle. As a result the MIL might not be activated.			43	0
4791	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination:</p> <p>The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated.</p> <p>In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			36869	0
4792	<p>Daimler AG has determined that on certain GLE-Class (platform 166), SL-Class (platform 172), C-Class (platform 204), E-Class (platforms 207, 212), S-Class (platforms 216, 217, 221, 222), CLS-Class (platform 218), SL-Class (platform 231), R-Class (platform 251), GLC-Class (platform 253), G-Class (platform 463) vehicles with 4-, 6- and 8-cylinder gasoline engines catalyst heating might not be active in one special use case. The issue only occurs when the following unusual circumstances occur in combination:</p> <p>The engine is turned off after a driving cycle where it was fully warmed up. At the next engine-start / driving cycle the engine is started and turned off after no more than 2 seconds of operation. At the subsequent engine start / driving cycle catalyst-heating is not activated.</p> <p>In this case, due to a delayed heating up of the catalyst, an impact on emissions cannot be ruled out.</p>			50251	0
4793	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			3532	0
4794	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			2428	0

	A	B	C	D	E	F	G	H	I	J	K	L
4795	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4796	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4797	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4798	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4799	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4800	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
4795		HMBXV05.SU2A	2017	On-Board Diagnostic (OBD) System
4796		CMBXV03.S52A	2012	On-Board Diagnostic (OBD) System
4797		EMBXV03.SU2B	2014	On-Board Diagnostic (OBD) System
4798		JMBXV03.0U2A	2018	On-Board Diagnostic (OBD) System
4799		GMBXV03.SU2A	2016	On-Board Diagnostic (OBD) System
4800		JMBXV05.SU2A	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
4795	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			6831	0
4796	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			9790	0
4797	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			6189	0
4798	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			24665	0
4799	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			9341	0
4800	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			272	0

	A	B	C	D	E	F	G	H	I	J	K	L
4801	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4802	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4803	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
4804	BMW	BMX	New Submission	Submitted	11/29/2018 11:46:42		BMX-DR-2018-0000743	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4805	BMW	BMX	New Submission	Submitted	11/29/2018 12:00:42		BMX-DR-2018-0000745	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4806	BMW	BMX	New Submission	Submitted	12/3/2018 8:01:09		BMX-DR-2018-0000751	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4807	BMW	BMX	New Submission	Submitted	11/29/2018 10:39:48		BMX-DR-2018-0000739	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4808	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4X4	
4809	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica PHEV	
4810	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:55:49		CRX-DR-2018-0000782	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	
4811	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:59:46		CRX-DR-2018-0000783	Defect Report	DR - On-Board Diagnostic (OBD) System	Chrysler	Pacifica Hybrid	

	M	N	O	P
4801		BMBXV05.SU2A	2011	On-Board Diagnostic (OBD) System
4802		DMBXV03.SU2B	2013	On-Board Diagnostic (OBD) System
4803		EMBXT05.SU2A	2014	On-Board Diagnostic (OBD) System
4804		HBMXT03.ON57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4805		HBMXT03.ON57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4806		HBMXT03.ON57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4807		HBMXT03.ON57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4808		KCRXT05.75P1	2019	On-Board Diagnostic (OBD) System
4809		HCRXT03.6SP0	2017	On-Board Diagnostic (OBD) System
4810		JCRXT03.6SP3	2018	On-Board Diagnostic (OBD) System
4811		HCRXT03.6SP0	2017	On-Board Diagnostic (OBD) System

	R	S	T	U
Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			668	0
Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			12503	0
Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.			24120 2614	0 544
The affected part number 13538508084 relates to the FUEL FEED LINE (TO HIGH PRESSURE PUMP). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMXT03.0N57,	7/31/2016	7/31/2017		
The affected part numbers 16117494926 relate to the MIDDLE FUEL FEED LINE #1 and #2. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMTX03.0N57, a final decision based on the final analysis results is expected in 01/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mls; equivalent to EDIR-0E-N57-0177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component MIDDLE FUEL FEED LINE #1 and #2 is/was working properly and has/had no malfunction.	7/31/2016	7/31/2017	2614	544
The affected part number 16117494926 relates to the FUEL PUMP [DELIVERY UNIT W/ FUEL LEVEL SENSOR LEFT]. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMTX03.0N57, a final decision based on the final analysis results is expected in 01/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mls; equivalent to EDIR-0E-N57-0177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL PUMP [DELIVERY UNIT W/ FUEL LEVEL SENSOR LEFT] is/was working properly and has/had no malfunction.	7/31/2016	7/31/2017	2614	544
The affected part number 13537823399 relates to the INJECTOR OIL OVERFLOW RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2017 Test Group HBMTX03.0N57, a final decision based on the final analysis results is expected in 01/2019 (e.g. if a warranty extension to full useful life (10 years / 120.000mls; equivalent to EDIR-0E-N57-0177) or any other measurement (as e.g. a service campaign with replacement of component high pressure fuel pump at next service visit) will be decided). In case the high pressure fuel pump is pre-damaged or already malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component INJECTOR OIL OVERFLOW RETURN LINE is/was working properly and has/had no malfunction.	7/31/2016	7/31/2017	2614 37290 3325 13417 3325	544 37290 3325 13417 3325

	A	B	C	D	E	F	G	H	I	J	K	L
4812	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
4813	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	
4814	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	
4815	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	
4816	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	12/19/2018 9:19:35	10/28/2019 18:19:40	NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO FWD	
4817	BMW	BMX	New Submission	Submitted	12/5/2018 10:05:10		BMX-DR-2018-0000758	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4818	Volvo Car USA, LLC	VVX	New Submission	Submitted	12/6/2018 13:32:08		VVX-DR-2018-0000762	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4819	Hyundai Motor Company	HYX	New Submission	Submitted	12/6/2018 14:27:40		HYX-DR-2018-0000763	Defect Report	DR - On-Board Diagnostic (OBD) System	GENESIS	G90 RWD	
4820	BMW	BMX	New Submission	Superseded	12/11/2018 7:11:48	12/11/2018 10:08:07	BMX-DR-2018-0000767	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Mini	Mini Cooper (5-doors)	

	M	N	O	P
4812		DAD XV05.2LR8	2013	On-Board Diagnostic (OBD) System
4813		EAD XV05.2LR8	2014	On-Board Diagnostic (OBD) System
4814		DAD XV05.2LR8	2013	On-Board Diagnostic (OBD) System
4815		CAD XV05.2LR8	2012	On-Board Diagnostic (OBD) System
4816		FNS XV03.5G7C	2015	Heating, Ventilation, and Air Conditioning (HVAC) System
4817		GBMXV02.0N47	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4818		KVX XV02.0U7B	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4819		KHY XV05.0JMS	2019	On-Board Diagnostic (OBD) System
4820		FBMXV01.5B38	2015	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.</p>			450	450
	<p>Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.</p>			158	158
	<p>Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.</p>			450	450
	<p>Complaint: MIL on without stored trouble codes. DTCs Present: No DTCs present Component: Procedure documents for flashing ECM Part Number - Production: Not Applicable Part Number - Replacement: Not Applicable Part Number - Analysis: Not Applicable Analysis: Vehicles found failing IM inspection. The affected vehicles had an incorrect procedure performed when flashing of the engine software of the engine ECU. An improper procedure may result in a system failure that does not store trouble codes after each key off cycle and consequently the warning lamps indicating system failures will cease to illuminate.</p>			280 28561	280 48
	<p>The part number 13518573162 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY16 Diesel models with 6 cylinder engine N57 (Test Groups GBMX03.0N57 and GBMX03.0N57). Beginning with 12/2016 a more robust hardware with part number 13518597821 was introduced in production and as replacement part in service. The part number 13518571796 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY16 Diesel models with 4 cylinder engine N47 (Test Groups GBMX02.0N47 and GBMX02.0N47). Beginning with 12/2016 a more robust hardware with part number 13518597819 was introduced in production and as replacement part in service. Analysis (applying to the original built part numbers 13518573162 and 13518571796 for component high pressure fuel pump Diesel) have shown that regional varying gasoline quality have a great impact on the mechanical deterioration of the component high pressure pump. In worst cases a lower quality could lead to a break down respectively to mechanical cuttings of the high pressure pump track roller. Those metal warfs could float through the entire fuel system (e.g. high pressure/low pressure system and tank) and accumulate anywhere. Such a contaminated system could not provide the necessary rail pressure at engine start (causing a non-starter) respectively could lead to a limp home mode including a performance reduction. OBD system will identify those malfunctions and trigger a fault code storage with MIL illumination. The replacement of the high pressure fuel pump has been in all cases the right measure to repair the malfunction.</p> <p>4817 The lower lid within the fuel filler neck of the cap less unit does not close properly.</p>	6/30/2015	6/29/2016	1792 41	209 41
	<p>019MY G90 and G80 vehicles equipped with 5.0L GDI engine may experience an issue that the collected readiness data of the fuel system is not indicated as being "completed" even though the fuel system monitoring is actually been completed. According to the investigation, the main cause is an inappropriate ECU data calibration when it comes to indicating the completion.</p>			416	2
	<p>The affected part number 11658600045 relates to the turbo charger. In 45% of all cases the turbo charger has to be replaced because insufficient crankcase vacuum leads to an improper oil drain which in return disables the turbo charger. In the other 55% replacement cases no MIL has been illuminated and no corresponding fault code has been stored to verify that the component has been malfunctioning.</p>	6/30/2014	5/31/2015	20077	488

	A	B	C	D	E	F	G	H	I	J	K	L
4821	BMW	BMX	New Submission	Superseded	12/11/2018 7:11:48	12/11/2018 10:08:07	BMX-DR-2018-0000767	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Mini	Mini Cooper (3-doors)	
4822	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CLUBMAN ALL4	
4823	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CLUBMAN	
4824	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	12/18/2018 12:45:45		HMX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD	
4825	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	12/18/2018 12:45:45		HMX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PILOT FWD	
4826	BMW	BMX	New Submission	Submitted	12/20/2018 4:55:35		BMX-DR-2018-0000789	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	Mini JCW Countryman ALL4	
4827	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BEETLE	
4828	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	GOLF	
4829	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BEETLE CONVERTIBLE	

	M	N	O	P
4821		FBMXV01.5B38	2015	Air Inlet System (Including Turbo and Superchargers)
4822		KBMXV01.5M3X	2019	On-Board Diagnostic (OBD) System
4823		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
4824 9AT		JHMXV03.5LH3	2018	On-Board Diagnostic (OBD) System
4825 9AT		HHMXV03.5VH3	2017	On-Board Diagnostic (OBD) System
4826		GBMXV01.6N18	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4827		EVWXV02.5M59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4828		DVWXV02.5A59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4829		DVWXV02.5A59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
4821	The affected part number 11658600045 relates to the turbo charger. In 45% of all cases the turbo charger has to be replaced because insufficient crankcase vacuum leads to an improper oil drain which in return disables the turbo charger. In the other 55% replacement cases no MIL has been illuminated and no corresponding fault code has been stored to verify that the component has been malfunctioning.	6/30/2014	5/31/2015	20077	488
4822	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.	2/28/2018	6/29/2019	2527	2527
4823	Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/vehicles the locking of ECM is not active.	2/28/2018	2/27/2019	6144	6144
4824	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	4/11/2017	3/22/2018	20451	0
4825	The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.	6/20/2016	12/4/2017	129467	58
4826	The affected part number 11538674895 relates to the Thermostat (including a map controlled heating element). This component has been used beginning with 07/2016 in production. It also has been used in service since 07/2016 as replacement part, whenever a component with part number 11537647751 used in production by 06/2016 was malfunctioning. Analysis have shown, that in about 100 percent of all cases for model year 2016 models listed above, the originally built thermostat (11537647751) was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion leads to an increased power resistance of the connecting (pin), which is detected by the OBD system including fault code storage and MIL illumination. After this thermostat malfunction is detected (confirmed), the thermostat is still mechanical controlled (wax elements melts due to rising engine cooling water temperature and not map controlled by the heating element anymore) as a conventional thermostat. The succeeding built in thermostat (11538674895) didn't show significant numbers of malfunctions as pre described and so could be handled as a robust hardware. The Weibull and valid failure values reported in this document for test group GBMKV01.6N18 and part number 11538674895 relates therefore to the build thermostat with part number 11537647751. Component with part number 11538674895 is a robust hardware and itself has/had no malfunction, but was/is working properly.	6/30/2015	10/30/2016	13901	4782
4827	ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found			931	24
4828	ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found			144090	2973
4829	ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found			144090	2973

	A	B	C	D	E	F	G	H	I	J	K	L
4830	Audi	ADX	New Submission	Submitted	12/21/2018 10:02:15		ADX-DR-2018-0000801	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	GTI	
4831	Audi	ADX	New Submission	Submitted	12/21/2018 11:09:17		ADX-DR-2018-0000804	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	GTI	
4832	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:30:32		VGA-DR-2018-0000806	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	CC	
4833	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
4834	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	BETLE CONVERTIBLE	
4835	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	JETTA SPORTWAGEN	
4836	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	

	M	N	O	P
4830		EAD XV02.03PA	2014	Air Inlet System (including Turbo and Superchargers)
4831		DAD XV02.03UA	2013	Drivetrain/Transmission System
4832		FVG XV02.0VPE	2015	Drivetrain/Transmission System
4833		DVW XV02.5M59	2013	On-Board Diagnostic (OBD) System
4834		DVW XV02.5M59	2013	On-Board Diagnostic (OBD) System
4835		DVW XV02.5M59	2013	On-Board Diagnostic (OBD) System
4836		DVW XV02.5A59	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>ComplaintMIL on Rattle noise from engine</p> <p>DTCs PresentP0299 - Turbocharger Underboost P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance P0234 - Turbocharger Overboost</p> <p>ComponentTurbocharger Part Number ? ProductionDADXX02.03PA:06J 145 713 F DVXXV02.03PA:06J 145 713 F EADXX02.03PA:06J 145 713 F DVXXV02.03SA:06J 145 713 F / 06J 145 713 AF</p> <p>Part Number ? Replacement06J 145 713 FX Part Number ? Analysis 06J 145 713 F AnalysisStuck control-rod (28.6%) Sticking control-rod (23.8%) Wastegate has too much play (9.5%) Control-rod loose by pin (4.6%) No Trouble Found (83.3%)</p>				
4830				5082	151
	<p>ComplaintNot Applicable DTCs PresentNot Applicable ComponentTransmission Control Software Calibration Part Number - ProductionNot Applicable Part Number - Replacement02E300057R V3114 Part Number - Analysis 02E30058P V3309 AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>			1	1
4831	<p>ComplaintNot Applicable DTCs PresentNot Applicable ComponentTransmission Control Software Calibration Part Number - ProductionNA Part Number - Replacement02E300062K V4002 09G92750FE V2630 0CG300045I V6403 09D300012 V4521 0DS300012 V4939 Part Number - Analysis 03H9060023BM V6179 03H9060023BM V6875 03H906023C V2136 03H906023DC V3177 04E906023AE V1702 06J906027HD V7871 09D300012L V4932 0DS300012 V4905 AnalysisDuring an internal review, VW recognized that due to a quality slip, incorrect TCM Software Calibrations were released to the field with Mode A concerns.</p>			1	1
4832	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
4833	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
4834	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
4835	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
4836	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G906055S_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			3	3

	A	B	C	D	E	F	G	H	I	J	K	L
4837	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000373	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Passat	
4838	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A4 quattro	
4839	BMW	BMX	New Submission	Submitted	2/15/2019 7:00:42		BMX-DR-2019-0000121	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4840	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD A/SPEC	
4841	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD	
4842	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	3.5L
4843	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD	
4844	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/5/2019 13:24:24		VGA-DR-2019-0000085	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Volkswagen	Touareg	
4845	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
4846	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
4847	FCA US LLC	CRX	New Submission	Submitted	5/31/2019 9:14:26		CRX-DR-2019-0000384	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4848	Ford Motor Company	FMX	Correction	Submitted	5/31/2019 15:09:14		FMX-DR-2018-0000174	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4849	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4850	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4851	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4852	FCA US LLC	CRX	New Submission	Submitted	6/25/2019 8:17:14		CRX-DR-2019-0000462	Defect Report	DR - Drivetrain/Transmission System	Jeep	Cherokee 4X2	
4853	FCA US LLC	CRX	New Submission	Submitted	6/25/2019 8:17:14		CRX-DR-2019-0000462	Defect Report	DR - Drivetrain/Transmission System	Jeep	Cherokee Trailhawk 4X4	

	M	N	O	P
4837		JVGA02.0V3R	2018	Electrical Wiring, Sensor, and Actuator Systems
4838		HVGA02.0A0C	2017	Electrical Wiring, Sensor, and Actuator Systems
4839		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4840		JHNXV03.5LH3	2018	On-Board Diagnostic (OBD) System
4841		HHNXV03.5MA3	2017	On-Board Diagnostic (OBD) System
4842		HHNXV03.57H3	2017	On-Board Diagnostic (OBD) System
4843		KHNXV03.5HH3	2019	On-Board Diagnostic (OBD) System
4844		PVGAT03.6VUK	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
4845		JHAXV01.55J2	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4846		HRNXV01.5XH2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4847		FCRXJ01.4SP0	2015	Air Inlet System (Including Turbo and Superchargers)
4848		EPHXV01.5V21	2014	Electrical Wiring, Sensor, and Actuator Systems
4849		CMBXT03.0HD2	2012	Electrical Wiring, Sensor, and Actuator Systems
4850		DMBXT03.0HD1	2013	Electrical Wiring, Sensor, and Actuator Systems
4851		BMBXT03.0HD2	2011	Electrical Wiring, Sensor, and Actuator Systems
4852		ECRX03.6SP0	2014	Drivetrain/Transmission System
4853		ECRX03.6SP0	2014	Drivetrain/Transmission System

	A	B	C	D	E	F	G	H	I	J	K	L
4854	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
4855	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Convertible	
4856	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 M40i	
4857	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	
4858	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	
4859	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	

	M	N	O	P
4854		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
4855		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
4856		JBMXJ03.0B5X	2018	On-Board Diagnostic (OBD) System
4857		KBMXV02.0H48	2019	On-Board Diagnostic (OBD) System
4858		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System
4859		LBMXJ03.0B07	2020	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
4854	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2018	2/27/2019	5792	5792
4855	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2016	6/29/2017	2775	2775
4856	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	7/31/2017	3/30/2018	666	666
4857	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2018	2/27/2019	45	45
4858	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2016	6/29/2017	554	554
4859	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	14	14

	A	B	C	D	E	F	G	H	I	J	K	L
4860	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e	
4861	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i	
4862	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 xDrive30i	
4863	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	
4864	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i	
4865	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	

	M	N	O	P
4860		KBMXV02.0H30	2019	On-Board Diagnostic (OBD) System
4861		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
4862		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
4863		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
4864		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
4865		JBMXV02.0H48	2018	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
4866	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i xDrive	
4867	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	
4868	BMW	BMX	New Submission	Submitted	2/15/2019 7:38:51		BMX-DR-2019-0000137	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
4869	BMW	BMX	New Submission	Submitted	2/19/2019 5:08:31		BMX-DR-2019-0000159	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	530e xDrive	
4870	BMW	BMX	New Submission	Submitted	2/19/2019 5:08:31		BMX-DR-2019-0000159	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	530e	
4871	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	2/20/2019 9:27:26		NSX-DR-2019-0000145	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	NISSAN	NISSAN Rogue Sport AWD	
4872	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GTC	

	M	N	O	P
4866		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
4867		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
4868		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4869		JBMXV02.0H30	2018	Electrical Wiring, Sensor, and Actuator Systems
4870		JBMXV02.0H30	2018	Electrical Wiring, Sensor, and Actuator Systems
4871		HNSXV02.0PMA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4872		CBEKV06.0501	2012	Exhaust System (Other than EGR and Catalyst Systems)

	Q	R	S	T	U
4866	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2017	6/29/2018	5805	5805
4867	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2017	6/29/2018	5805	5805
4868	<p>The affected part number 13538596875 relates to the FRONTHP PUMP-TO RAIL FUEL LINE (PRESSURE HOSE ASSY). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMX703.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (please see EDIR-01-NS7-0325). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FRONTHP PUMP-TO RAIL FUEL LINE (PRESSURE HOSE ASSY) is/was working properly and has/had no malfunction.</p>	8/31/2017	7/30/2018	3366	552
4869	<p>The affected part numbers 51137497285 and 51137497280 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that this component was replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions: Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics / component 7apacer7 (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	2/28/2017	6/29/2018	9940	1770
4870	<p>The affected part numbers 51137497285 and 51137497280 relate to the Lower and Upper Air Flaps (Active Grill Shutters). Analyses have shown that this component was replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions: Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator daubed commutator slit) leads to an increased current of the actuator so that this component fails. Failure#2 (about 15% of all valid failures): The kinematics / component 7apacer7 (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	2/28/2017	6/29/2018	9940	1770
4871	<p>On some 2017 Nissan Rogue Sport vehicles, customers may experience an extended engine crank time, a rough idle, a MIL light for a misfire DTC, or possibly an engine stop when the transmission is placed into drive or reverse. These issues could occur after the vehicle has been sitting for more than two hours and the engine is cold.</p>	4/1/2017	10/30/2017	69279	81
4872	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number 7 Production: 07C919529F / 07C919529G Part Number 7 Replacement: 07C919529K / 07C919529L Part Number 7 Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			2062	135

	A	B	C	D	E	F	G	H	I	J	K	L
4873	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GTC	
4874	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GT Speed Convertible	
4875	FCA US LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4X2	
4876	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:55:20		GMX-DR-2019-0000533	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Chevrolet	NALBU	
4877	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:55:20		GMX-DR-2019-0000533	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4878	General Motors LLC	GMX	New Submission	Submitted	8/5/2019 14:55:20		GMX-DR-2019-0000533	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4879	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A5 quattro	
4880	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A4 quattro	
4881	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 10:40:32		VGA-DR-2019-0000162	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A3 quattro	
4882	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4X4	
4883	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4X2	

	M	N	O	P
4873		DBEXV06.0501	2013	Exhaust System (Other than EGR and Catalyst Systems)
4874		EBEXV06.04UC	2014	Exhaust System (Other than EGR and Catalyst Systems)
4875		HCRV02.45P1	2017	Electrical Wiring, Sensor, and Actuator Systems
4876		KGMYV01.5002	2019	Air Inlet System (Including Turbo and Superchargers)
4877		JGMXT01.5090	2018	Air Inlet System (Including Turbo and Superchargers)
4878		KGMYT01.5090	2019	Air Inlet System (Including Turbo and Superchargers)
4879		HVGAI02.0AJP	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4880		JVGAI02.0AAC	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4881		JVGAV02.0APA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
4882		ECRXT05.75P0	2014	Exhaust System (Other than EGR and Catalyst Systems)
4883		FCRXT05.75P0	2015	Exhaust System (Other than EGR and Catalyst Systems)

	Q	R	S	T	U	
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>				692	41
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>				854	41
4875	Some 2017 - 2019 MY Jeep® Compass (TNP??) vehicles, equipped with Stop-Start Dual Battery System (sales code XH2) may experience a malfunction indicator lamp ("MIL"), P152F - engine hood switch 2/engine hood switch 1 correlation and/or engine start stop disabled with a message displayed in the cluster due to a mis-alignment of the striker plate to hood switch.				37639	59
4876	The charged air cooler outlet duct may become disconnected from the throttle body inlet under certain full throttle conditions.				70973	143
4877	The charged air cooler outlet duct may become disconnected from the throttle body inlet under certain full throttle conditions.				76088	208
4878	The charged air cooler outlet duct may become disconnected from the throttle body inlet under certain full throttle conditions.				83391	1191
	<p>DTCs Present:Not applicable Component:Engine Control Unit - The ECM and associated software calibration provides control/monitoring operation for the vehicle's engine. Part Number ? Production:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C Part Number ? Replacement:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: VW Tiguan -5NA.907.115.K ? 0001 VW Beetle - TBD VW Passat - TBD Part Number ? Analysis:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001 ? 0006 VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C Analysis:A supplier disclosed an issue along with an incorrect application for the Electromagnetic Compatibility (EMC)- correction factor. (100% failure rate determined for this software when the operating conditions below are all present): -Engine Control Unit (Bosch) produced with 7C1357? module -Pre O2 sensor (LSU lambda sensor) with 7Advanced?7?-Generation -Pre O2 sensor with real aging effect within specification (field analysis confirmed that this effect may occur first over mileage 50,000 mi)</p>				0	0
	<p>DTCs Present:Not applicable Component:Engine Control Unit - The ECM and associated software calibration provides control/monitoring operation for the vehicle's engine. Part Number ? Production:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C Part Number ? Replacement:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: VW Tiguan -5NA.907.115.K ? 0001 VW Beetle - TBD VW Passat - TBD Part Number ? Analysis:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001 ? 0006 VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C Analysis:A supplier disclosed an issue along with an incorrect application for the Electromagnetic Compatibility (EMC)- correction factor. (100% failure rate determined for this software when the operating conditions below are all present): -Engine Control Unit (Bosch) produced with 7C1357? module -Pre O2 sensor (LSU lambda sensor) with 7Advanced?7?-Generation -Pre O2 sensor with real aging effect within specification (field analysis confirmed that this effect may occur first over mileage 50,000 mi)</p>				0	0
4880	<p>DTCs Present:Not applicable Component:Engine Control Unit - The ECM and associated software calibration provides control/monitoring operation for the vehicle's engine. Part Number ? Production:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C Part Number ? Replacement:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: VW Tiguan -5NA.907.115.K ? 0001 VW Beetle - TBD VW Passat - TBD Part Number ? Analysis:Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001 ? 0006 VW: VW Tiguan -5NA.907.115.A-version 0002, 0004 VW Beetle -06K.906.016.B VW Passat -06K.906.016.C Analysis:A supplier disclosed an issue along with an incorrect application for the Electromagnetic Compatibility (EMC)- correction factor. (100% failure rate determined for this software when the operating conditions below are all present): -Engine Control Unit (Bosch) produced with 7C1357? module -Pre O2 sensor (LSU lambda sensor) with 7Advanced?7?-Generation -Pre O2 sensor with real aging effect within specification (field analysis confirmed that this effect may occur first over mileage 50,000 mi)</p>				0	0
	<p>Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p>				278125	6519
4882						
	<p>Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p>				191520	3538
4883						

	A	B	C	D	E	F	G	H	I	J	K	L
4884	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 Classic HFE 4X2	
4885	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4886	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4887	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
4888	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
4889	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
4890	Hyundai Motor Company	HYX	New Submission	Submitted	3/13/2019 14:21:15		HYX-DR-2019-0000203	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
4891	Porsche AG	PRX	New Submission	Submitted	9/11/2019 13:33:32		PRX-DR-2019-0000694	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera	3L
4892	Porsche AG	PRX	New Submission	Submitted	9/11/2019 14:31:38		PRX-DR-2019-0000695	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4e-Hybrid Executive	

	M	N	O	P
4884		KCRXT05.75P2	2019	Exhaust System (Other than EGR and Catalyst Systems)
4885		FCRXV03.65P1	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4886		GCRXV03.65PB	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4887		ECRXV03.65PA	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4888		JHYXV02.01H5	2018	Electrical Wiring, Sensor, and Actuator Systems
4889		GHYXV02.48J2	2016	Electrical Wiring, Sensor, and Actuator Systems
4890		FHYXV02.41WE	2015	Electrical Wiring, Sensor, and Actuator Systems
4891 Automatic		KPRXV03.0PV6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4892		KPRXV02.9PH6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<p>Some 2014-2019MY Ram 1500 ("D5") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p>			66081	0
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group. AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules. The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start. Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			1381	1381
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group. AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules. The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start. Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			1552	1552
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group. AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules. The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start. Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			1491	1491
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			7355	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			56136	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2018 MY Sonata, 2013~2018 MY Santa Fe Sport, 2014~2015 MY and 2018 MY Tucson vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.. The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU). Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine. The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			12700	0
4891	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2018	4/30/2019	1180	0
4892	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2018	4/30/2019	203	0

	A	B	C	D	E	F	G	H	I	J	K	L
4893	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4894	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4895	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4896	Mercedes Benz	MBX	New Submission	Submitted	7/10/2019 10:10:30		MBX-DR-2019-0000507	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4897	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	S35d xDrive	
4898	BMW	BMX	New Submission	Submitted	7/10/2019 10:12:16		BMX-DR-2019-0000509	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	S35d	
4899	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Buick	REGAL AWD	
4900	FCA US LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Patriot FWD	2.4L (E03)

	M	N	O	P
4893		GMBXT03.0U2A	2016	Air Inlet System (Including Turbo and Superchargers)
4894		DMBXV03.0U2A	2013	Air Inlet System (Including Turbo and Superchargers)
4895		EMBXV03.0U2A	2014	Air Inlet System (Including Turbo and Superchargers)
4896		CMBXV03.0U2A	2012	Air Inlet System (Including Turbo and Superchargers)
4897		FBMXV03.0N57	2015	Electrical Wiring, Sensor, and Actuator Systems
4898		FBMXV03.0N57	2015	Electrical Wiring, Sensor, and Actuator Systems
4899		IGMXV03.6165	2018	Electrical Wiring, Sensor, and Actuator Systems
4900 Automatic (DA4)		GCRXJ02.45P4	2016	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
4893	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			1697	2
4894	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			562	18
4895	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			9885	32
4896	<p>On certain six-cylinder diesel E350 BlueTec vehicles, the intake port shutoff actuator motor could have failed due to electrical short circuit faults. These are caused by oil contamination coming from a leaky clean air line connector to the turbo charger, positioned directly above the actuator motor.</p> <p>In the clean air line, blow-by-gas is mixed with clean air. Usually blow-by-gas contains traces of oil due to crank case ventilation. In case of a leakage at the clean air line connector, oil could weep after engine stand still. As long the engine is running, there is underpressure in the clean air line, so it is ensured blow-by-gas can't get out at the connector.</p> <p>The oil contamination could crawl inside the actuator housing and could lead to electrical short circuit faults. These short circuit faults would lead to a failing of the actuator motor and an illumination of the Malfunction Indicator Lamp (MIL).</p> <p>The root cause of the leakage is incorrect reinstallation of the clean air line in some workshops. The incorrect reinstallation is a deviation from our work instruction.</p> <p>There is no known fault caused by the actuator motor itself.</p>			1038	30
4897	<p>Following NOx sensor components have been introduced into production and as spare parts in service during the specific time periods:</p> <p>10/13 - 07/16: NOx sensor (downstream) with part number 13628576469 (models 328d and X5 xDrive35d), NOx sensor (downstream) with part number 13628576470 (model X3 xDrive28d), NOx sensor (downstream) with part number 13628576471 (models 535d and 740Ld xDrive) NOx sensor (upstream) with part number 13628576471 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>07/16 - now: NOx sensor (upstream) with part number 13628589846 (model x 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d) NOx sensor (downstream) with part number 13628589845 (model X3 xDrive28d) NOx sensor (downstream) with part number 13628589844 (models 328d and X5 xDrive35d) NOx sensor (downstream) with part number 13628589846 (models 535d and 740Ld xDrive)</p> <p>Components with part numbers 13628589844, 13628589845, 13628589846 are improved / more robust NOx sensors, which have been used as spare part in service since 07/2016, whenever NOx sensors with above listed part numbers used before 07/16 were malfunctioning. Analysis have shown that component NOx sensor (up- and downstream) with above listed part numbers used before 07/16 have been replaced due to a Magnesium intoxication (major root cause of all malfunctions) as well as due to other permanent or temporarily errors as electrical malfunctions (short to ground or open circuit), all with a corresponding OBD fault code storage and MIL illumination.</p> <p>Since 07/16 the component NOx sensor up- and downstream with part numbers 13628589844, 13628589845, 13628589846 have been used in production and as spare parts in service. Those components have/had no malfunctions and are/were working properly.</p>	2/28/2014	6/29/2015	1505	238
4898	<p>Following NOx sensor components have been introduced into production and as spare parts in service during the specific time periods:</p> <p>10/13 - 07/16: NOx sensor (downstream) with part number 13628576469 (models 328d and X5 xDrive35d), NOx sensor (downstream) with part number 13628576470 (model X3 xDrive28d), NOx sensor (downstream) with part number 13628576471 (models 535d and 740Ld xDrive) NOx sensor (upstream) with part number 13628576471 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d)</p> <p>07/16 - now: NOx sensor (upstream) with part number 13628589846 (models 535d, 740Ld xDrive, 328d, X5 xDrive35d and X3 xDrive28d) NOx sensor (downstream) with part number 13628589845 (model X3 xDrive28d) NOx sensor (downstream) with part number 13628589844 (models 328d and X5 xDrive35d) NOx sensor (downstream) with part number 13628589846 (models 535d and 740Ld xDrive)</p> <p>Components with part numbers 13628589844, 13628589845, 13628589846 are improved / more robust NOx sensors, which have been used as spare part in service since 07/2016, whenever NOx sensors with above listed part numbers used before 07/16 were malfunctioning. Analysis have shown that component NOx sensor (up- and downstream) with above listed part numbers used before 07/16 have been replaced due to a Magnesium intoxication (major root cause of all malfunctions) as well as due to other permanent or temporarily errors as electrical malfunctions (short to ground or open circuit), all with a corresponding OBD fault code storage and MIL illumination.</p> <p>Since 07/16 the component NOx sensor up- and downstream with part numbers 13628589844, 13628589845, 13628589846 have been used in production and as spare parts in service. Those components have/had no malfunctions and are/were working properly.</p>	2/28/2014	6/29/2015	1505	238
4899	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			6544	55
4900	Some 2016-2017 Jeep Compass/Patriot (MK) vehicles with a 2.4L engine (ED3) and automatic transmission (D44) may have a Transmission Range Sensor (TRS) that will set a MIL and DTC Codes P0705 (TRS A Circuit (PRNDL Input) and/or P0706 (TRS Performance), due to a terminal flatness issue on the sensor.			2437	5

	A	B	C	D	E	F	G	H	I	J	K	L
4901	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/18/2019 14:57:16		VGA-DR-2019-0000713	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Tiguan 4Motion	
4902	Mercedes Benz	MBX	New Submission	Submitted	9/2/2019 10:36:16		MBX-DR-2019-0000671	Defect Report	DR - Hybrid Vehicle System			
4903	General Motors LLC	GMX	New Submission	Submitted	8/12/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4904	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4905	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4906	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4907	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4908	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4909	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4910	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4911	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4912	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4913	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
4914	Audi	ADX	New Submission	Submitted	8/12/2019 15:05:28		ADX-DR-2019-0000631	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Audi	Q5	
4915	FCA US LLC	CRX	New Submission	Submitted	8/15/2019 8:52:21		CRX-DR-2019-0000633	Defect Report	DR - Hybrid Vehicle System			
4916	General Motors LLC	GMX	New Submission	Submitted	5/10/2019 11:17:03		GMX-DR-2019-0000345	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
4917	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 14:43:43		KMX-DR-2019-0000637	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Soul	
4918	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq	
4919	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq Blue	
4920	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq	
4921	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
4922	Kia Motors Corporation	KMX	New Submission	Submitted	8/15/2019 11:02:55		KMX-DR-2019-0000641	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
4923	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 13:37:13		HYX-DR-2019-0000643	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Genesis	
4924	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/23/2019 14:34:51		NSX-DR-2019-0000656	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	QX60 FWD	
4925	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/26/2019 15:44:39		JLX-DR-2019-0000665	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
4926	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:28		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	JOHN COOPER WORKS HARDTOP	
4927	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:28		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	COOPER CONVERTIBLE	
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4993	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A6 quattro	

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4929	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A6 quattro	
4930	Audi	ADX	New Submission	Submitted	3/26/2019 11:08:44		ADX-DR-2019-0000223	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	Q5	
4931	Porsche AG	PRX	Correction	Superseded	9/11/2019 9:21:35	9/27/2019 10:56:57	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 S	3L
4932	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4933	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 14:22:18		MBX-DR-2019-0000534	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4934	Kia Motors Corporation	KMX	New Submission	Submitted	7/25/2019 13:59:05		KMX-DR-2019-0000548	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	KIA	Sedona	
4935	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
4936	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:56		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
4937	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:05:44		FIX-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	FORESTER	
4938	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:27:16		FIX-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
4939	Subaru Corporation	FIX	New Submission	Submitted	9/5/2019 16:27:16		FIX-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
4940	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4941	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4942	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4943	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4944	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
4945	Porsche AG	PRX	New Submission	Superseded	9/9/2019 11:08:11	9/11/2019 9:21:36	PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 Sport Turismo	3L
4946	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JCW COUNTRYMAN ALL4	
4947	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER HARDTOP 2 DOOR	
4948	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	OUTBACK	
4949	Subaru Corporation	FIX	New Submission	Submitted	2/7/2019 16:35:11		FIX-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	LEGACY	
4950	BMW	BMX	New Submission	Submitted	2/19/2019 4:54:10		BMX-DR-2019-0000158	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740e xDrive	
4951	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 15:56:36		VGA-DR-2019-0000113	Defect Report	DR - On-Board Diagnostic (OBD) System			

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4929		DADXV02.03UB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
4930		EADXJ02.0FUB	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
4931 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4932		DMBXT03.0U2A	2013	Air Inlet System (Including Turbo and Superchargers)
4933		CMBXV03.0U2A	2012	Air Inlet System (Including Turbo and Superchargers)
4934		LKXVT03.3KJ5	2020	Computer Related (Other than On-Board Diagnostic (OBD) System)
4935		KNSKV01.6NDA	2019	On-Board Diagnostic (OBD) System
4936		JNSKV03.5P7C	2018	On-Board Diagnostic (OBD) System
4937		HFJXJ02.0FPT	2017	Exhaust System (Other than EGR and Catalyst Systems)
4938		GFJXJ02.5HRV	2016	Catalyst System
4939		GFJXJ02.5J5W	2016	Catalyst System
4940		EJLXT03.0001	2014	Air Inlet System (Including Turbo and Superchargers)
4941		EJLXV05.0FAM	2014	Air Inlet System (Including Turbo and Superchargers)
4942		EJLXT05.0003	2014	Air Inlet System (Including Turbo and Superchargers)
4943		FJLXT03.0001	2015	Air Inlet System (Including Turbo and Superchargers)
4944		FJLXT05.0002	2015	Air Inlet System (Including Turbo and Superchargers)
4945 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4946		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
4947		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
4948		FFJXJ02.5HRV	2015	Catalyst System
4949		HFJXJ02.5HRV	2017	Catalyst System
4950		HBMXV02.0H48	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4951		GVGAV02.0AUA	2016	On-Board Diagnostic (OBD) System

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	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present:Not applicable Component:ECM Software Update Part Number 7 19M1:8R1 907 115 P_0002 8K5 907 115 M_0004 8K5 907 115 M_0005 4G0 907 115 N/P_0005 8R1 907 115 B_0006 8K5 907 115 C_0007 8K5 907 115 F_0008</p> <p>Part Number 7 Replacement:8K5 907 115 N_0003 8R1 907 115 L_0003 4G0 907 115 N_0003 4G0 907 115 F_0003 8K5 907 115 M_0003 8K5 907 115 Q_0001 8R1 907 115 N_0001 8K5 907 115 P_0001</p> <p>Part Number 7 Analysis:Not applicable</p>				
4929	Analysis:In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			34857	16250
	<p>Complaint: Failure of after-run coolant pump after Safety Campaign 19M1 was performed.</p> <p>DTCs Present:Not applicable Component:ECM Software Update Part Number 7 19M1:8R1 907 115 P_0002 8K5 907 115 M_0004 8K5 907 115 M_0005 4G0 907 115 N/P_0005 8R1 907 115 B_0006 8K5 907 115 C_0007 8K5 907 115 F_0008</p> <p>Part Number 7 Replacement:8K5 907 115 N_0003 8R1 907 115 L_0003 4G0 907 115 N_0003 4G0 907 115 F_0003 8K5 907 115 M_0003 8K5 907 115 Q_0001 8R1 907 115 N_0001 8K5 907 115 P_0001</p> <p>Part Number 7 Analysis:Not applicable</p>				
4930	Analysis:In certain vehicles, the after-run coolant pump may experience a short circuit and/or overheat. A short circuit or overheating within the after-run coolant pump may lead to a vehicle fire.			62261	33436
4931	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
	<p>On certain six-cylinder diesel GL/ML/S 350 BlueTec vehicles, the clean air line could have failed due to signal range check faults. These could be caused by incorrect reinstallation of the connectors of the air mass flow sensor and temperature sensor during repair and maintenance work on various components that require the installation and removal of the clean air line. The air mass flow sensor and temperature sensor are part of the clean air line.</p> <p>This leads to deviation of range of the measured air mass and air temperature to the calibration. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer. In this case, an emission influence is not expected. The incorrect reinstallation is a deviation from our work instruction.</p>			9946	872
	<p>On certain six-cylinder diesel GL/ML/S 350 BlueTec vehicles, the clean air line could have failed due to signal range check faults. These could be caused by incorrect reinstallation of the connectors of the air mass flow sensor and temperature sensor during repair and maintenance work on various components that require the installation and removal of the clean air line. The air mass flow sensor and temperature sensor are part of the clean air line.</p> <p>This leads to deviation of range of the measured air mass and air temperature to the calibration. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer. In this case, an emission influence is not expected. The incorrect reinstallation is a deviation from our work instruction.</p>			1038	22
4932	Some 2019*2020 model year KIA Sedona equipped with 3.3L engine have experienced a malfunction indicator light (MIL) illumination with a Diagnostic trouble code (DTC) P0456. Code P0456 indicates a small leak detected in the Evaporative Emissions (EVAP) system. According to the investigation, the main cause is an improper data calibration for leakage diagnosis. This occurs when t			2721	2
4933	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			1134	0
4934	On some 2015-2019 Nissan and Infiniti models, it was discovered that some permanent DTCs (P0101, P0448, P0087, P2008) may not clear properly during the OK judgment cycle due to incorrect passing logic being applied.			88493	25
	<p>On certain vehicles, the six (6) front exhaust pipe nuts at the cylinder heads may not have been tightened sufficiently due to variations in production. As a result, these nuts may become loose during use and cause exhaust leakage that may fail to meet emission-related regulations.</p>			42849	19
4937	Certain 2015 and 2016 Subaru Outback and Legacy vehicles may experience an exhaust noise and/ or smell coming from cracks at the bellows of the front exhaust pipe which includes the catalytic converter.			24016	0
4938	A deficiency in the Engine Control Module (ECM) calibration affects the pre-catalyst Oxygen (O2) Sensors causing a thermal shock due to water contact on heated sensing element. The Malfunction Indicator Lamp (MIL) is illuminated and diagnostic trouble codes (DTC s) relevant to the pre-catalyst Oxygen Sensors may be stored in the ECM.			19649	0
4940	A deficiency in the Engine Control Module (ECM) calibration affects the pre-catalyst Oxygen (O2) Sensors causing a thermal shock due to water contact on heated sensing element. The Malfunction Indicator Lamp (MIL) is illuminated and diagnostic trouble codes (DTC s) relevant to the pre-catalyst Oxygen Sensors may be stored in the ECM.			7218	148
4941	A deficiency in the Engine Control Module (ECM) calibration affects the pre-catalyst Oxygen (O2) Sensors causing a thermal shock due to water contact on heated sensing element. The Malfunction Indicator Lamp (MIL) is illuminated and diagnostic trouble codes (DTC s) relevant to the pre-catalyst Oxygen Sensors may be stored in the ECM.			2037	65
4942	A deficiency in the Engine Control Module (ECM) calibration affects the pre-catalyst Oxygen (O2) Sensors causing a thermal shock due to water contact on heated sensing element. The Malfunction Indicator Lamp (MIL) is illuminated and diagnostic trouble codes (DTC s) relevant to the pre-catalyst Oxygen Sensors may be stored in the ECM.			9204	188
4943	A deficiency in the Engine Control Module (ECM) calibration affects the pre-catalyst Oxygen (O2) Sensors causing a thermal shock due to water contact on heated sensing element. The Malfunction Indicator Lamp (MIL) is illuminated and diagnostic trouble codes (DTC s) relevant to the pre-catalyst Oxygen Sensors may be stored in the ECM.			6084	412
4944	A deficiency in the Engine Control Module (ECM) calibration affects the pre-catalyst Oxygen (O2) Sensors causing a thermal shock due to water contact on heated sensing element. The Malfunction Indicator Lamp (MIL) is illuminated and diagnostic trouble codes (DTC s) relevant to the pre-catalyst Oxygen Sensors may be stored in the ECM.			273	33
4945	On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020?? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2017	4/30/2018	9612	0
4946	Based on manufacturer technical data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17 2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnosis	2/28/2018	6/29/2019	850	850
4947	Based on manufacturer technical data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17 2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnosis	2/28/2018	2/27/2019	6144	6144
4948	Due to an incorrect replacement part number supersession, the incorrect front exhaust pipe, which includes the catalytic converter, may have been supplied and installed to LEVII SULEV30 certified vehicles in California and section 177 states, and Tier 2 Bin 4 and Tier 3 Bin 70 in other states. Having the incorrect front exhaust pipe assemblies installed may result in deterioration of emis			121668	2352
4949	Due to an incorrect replacement part number supersession, the incorrect front exhaust pipe, which includes the catalytic converter, may have been supplied and installed to LEVII SULEV30 certified vehicles in California and section 177 states, and Tier 2 Bin 4 and Tier 3 Bin 70 in other states. Having the incorrect front exhaust pipe assemblies installed may result in deterioration of emis			249310	40
4950	The affected part number 16117361966 relates to the FUEL PRESSURE-TEMPERATURE SENSOR. Analysis have shown that this component has been replaced in 100% of all cases correctly. The reason for required replacements could be identified in inadequate production process causing an incorrect setup of the sensor housing. Ge	6/30/2016	4/29/2017	3250	2958
	<p>During an internal review, VW recognized that due to a quality slip, incorrect ECM/TCM Software Calibrations were released to the field.</p> <p>Analysis determined software list above calibrations within this report have one of the following concerns:</p> <p>-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>-OBD Phase in - OBD Phase in requirements in MY14 might not be met</p> <p>No Information Available - Unique software on a low number of vehicles that are not possible to analyze</p> <p>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</p> <p>-Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production Software Replacement Software - Test Group 8V0906259K_00018V0906259H_0002ECMFGVGA02.0AJA 0D9300012_49050D9300012_4939TCMFGVGA02.0AJA 0D9300012_49120D9300012_4939TCMFGVGA02.0AJA 8V0906259K_00018V0906259H_0002ECMFGVGA02.0AJA 0D9300018B_S2020D9300013C_4905TCMFGVGA02.0APA 5G0906259L_00015G0906259D_0004ECMFGVGA02.0APA 5G0906259L_00023G0906259D_0004ECMFGVGA02.0APA 4G5907115A_4304G5907115A_0003ECMFGVGA02.0AAC</p>			30	30

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4952	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 15:56:36		VGA-DR-2019-0000113	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	S3	
4953	Volkswagen Group of America, Inc.	VGA	Correction	Superseded	7/23/2019 13:10:06	8/5/2019 14:23:10	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	ABL	
4954	Volkswagen Group of America, Inc.	VGA	Correction	Superseded	7/23/2019 13:10:06	8/5/2019 14:23:10	VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A6 quattro	
4955	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler Unlimited 4x4	
4956	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
4957	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Charger	
4958	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
4959	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X2	
4960	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 HFE 4X2	
4961	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	Pacifica PHEV	
4962	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Bentley	Bentayga	
4963	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	ABL	
4964	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/9/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX FWD	
4965	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/9/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT 4WD	
4966	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/9/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX 4WD	
4967	American Honda Motor Co., Inc.	HNX	Correction	Superseded	5/1/2019 13:51:01	5/9/2019 18:30:45	HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX 2WD	
4968	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Beetle Convertible	

	M	N	O	P
4952		FVGAV02.0AJIA	2015	On-Board Diagnostic (OBD) System
4953		KVGAJ03.0NAM	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4954		KVGAV03.0N7N	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4955		HCRXT03.6SP1	2017	Exhaust Gas Recirculation (EGR) System
4956		GCRXT05.7SP1	2016	Exhaust Gas Recirculation (EGR) System
4957		HCRXV06.4SP0	2017	Exhaust Gas Recirculation (EGR) System
4958		FCRXT03.6SP0	2015	Exhaust Gas Recirculation (EGR) System
4959		HCRXT03.6SPV	2017	Exhaust Gas Recirculation (EGR) System
4960		HCRXT03.6SPV	2017	Exhaust Gas Recirculation (EGR) System
4961		HCRXT03.6SP0	2017	Exhaust Gas Recirculation (EGR) System
4962		KVGAT04.0PAA	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4963		KVGAJ03.0NAM	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
4964		HHNXV03.5VH3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
4965 9AT		GHNXV03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4966		GHNXV03.5RA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4967		GHNXV03.5RA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
4968		FVGAV02.0VBD	2015	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
4969	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Beetle Convertible	
4970	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
4971	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Passat	
4972	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Beetle	
4973	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4974	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4975	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4976	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4977	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4978	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4979	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4980	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4981	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4982	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
4983	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forté	
4984	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4985	BMW	BMX	New Submission	Superseded	1/29/2019 8:12:08	1/29/2019 10:41:42	BMX-DR-2019-0000019	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
4986	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	4/29/2019 14:16:41		HNX-DR-2019-0000285	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	INSIGHT TOURING	

	M	N	O	P
4969		GVGAV02.0VPD	2016	On-Board Diagnostic (OBD) System
4970		EVWXV02.0B5F	2014	On-Board Diagnostic (OBD) System
4971		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
4972		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
4973		HMBXV02.0U2C	2017	On-Board Diagnostic (OBD) System
4974		DMBXT05.SU2A	2013	On-Board Diagnostic (OBD) System
4975		JMBXV05.SU2A	2018	On-Board Diagnostic (OBD) System
4976		CMBXT03.SU2A	2012	On-Board Diagnostic (OBD) System
4977		ENBXY03.SU2A	2014	On-Board Diagnostic (OBD) System
4978		HMBXV02.0U2A	2017	On-Board Diagnostic (OBD) System
4979		EMBXV05.SU2A	2014	On-Board Diagnostic (OBD) System
4980		DMBXY03.SU2A	2013	On-Board Diagnostic (OBD) System
4981		JMBXV02.0U2C	2018	On-Board Diagnostic (OBD) System
4982		FMBXV02.0U2D	2015	On-Board Diagnostic (OBD) System
4983		EKMXY02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
4984		FMBXV02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
4985		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4986		KHNXV01.SCL2	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U	
	Analysis is determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMtest Group 06I906027HE_880506I906027HE_8226ECMPVGA02.0VUE 06K906071AJ_244506K997071B_9358ECMPVGA02.0VBD 06K906071BS_451306K997071B_9358ECMPVGA02.0VBD 06K906071D_765306K997071D_9369ECMPVGA02.0VBD 06K906071AB_810106K997071E_9370ECMPVGA02.0VPD 06K906071AH_244606K997071C_9351ECMPVGA02.0VPD 06K906071B_809906K997071C_9351ECMPVGA02.0VPD 06K906071E_686306K997071C_9351ECMPVGA02.0VPD 06K906071E_901306K997071E_9370ECMPVGA02.0VPD 06K906071J_810306K997071G_9372ECMPVGA02.0VPD 06K906071P_633806K997071J_9357ECMPVGA02.0VPD 06K906071T_811306K997071E_9370ECMPVGA02.0VPD 06K997071F_298006K997071G_9372ECMPVGA02.0VPD 09G927749D_269709G927749A_3135TCMPVGA02.0VPD 06G906055AG_437106G906055AG_31403ECMPVGA02.0VLC 06K906071AS_067506K906071AS_4875ECMGVGA02.0VBD 06K906071AF_236006K906071AG_4870ECMGVGA02.0VPD 06K906071AF_247406K906071AF_4876ECMGVGA02.0VPD 06K906071B_297306K906071AG_4870ECMGVGA02.0VPD				36	36
	Analysis is determined software list above calibrations within this report have one of the following concerns: -Software designed for other Model - Software was intended for another model -No Information Available - Unique software on a low number of vehicles that are not possible to analyze -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years -Pre-series software installed - Vehicles with pre-series software in the field Production SoftwareReplacement SoftwareECM or TCMtest Group 06I997029D_150906I997029D_1509ECMDVWX02.03UA 06I997029E_151006I997029B_1507ECMDVWX02.03UA 04E906023_423104E906023_7928ECM DVXWV01.4PHE 04E906023_469904E906023_7928ECM DVXWV01.4PHE 04E906023_492004E906023_7928ECM DVXWV01.4PHE 04E906023_503704E906023_7928ECM DVXWV01.4PHE 0C300045D_47010C300045F_5307TCMDVWXV01.4PHE 06I906027FD_314806I997029B_1514ECM DVXWV02.03PA 02E300058P_351002E300058P_3509TCMDVWXV02.03PA 02E300053M_009902E300058N_3509TCMDVWXV02.03PA 02E300058N_347602E300058N_3509TCMDVWXV02.03PA 02E300058N_350802E300058N_3521TCMDVWXV02.03PA 09G917750LE_232909G917750LF_2246TCMDVWXV02.5U3A 06K906070A_487806K906070AA_9347ECM DVXWV02.0BSF 09G917750HQ_163109G917750LM_2252TCMDVWXV02.5A59 09G917750LE_179109G917750LF_2246TCMDVWXV02.5A59 09G917750LE_232909G917750LF_2246TCMDVWXV02.5A59 07K906055CS_434107K906055CS_5853ECM DVXWV02.5M59 03H906023AJ_390603H906023BE_3908ECM DVXWV03.6U46				9	9
	ComplaintNo known customer complaints DTCs PresentP220A ? Sensor Supply P2200 ? Open circuit (sensor wire) P2201 ? NOx Offset signal range check low/high P204F ? Monitoring of NOx Conversion efficiency ComponentNOx Sensor Initial Service Replacement Part Number04L-907-807-AD Subsequent Service Replacement Part Number04L-907-807-AD Analysis isForty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases' oxygen content, could trigger a deviation in the Sensor's signal and cause a MIL-on condition.				46	0
	ComplaintNo known customer complaints DTCs PresentP220A ? Sensor Supply P2200 ? Open circuit (sensor wire) P2201 ? NOx Offset signal range check low/high P204F ? Monitoring of NOx Conversion efficiency ComponentNOx Sensor Initial Service Replacement Part Number04L-907-807-AD Subsequent Service Replacement Part Number04L-907-807-AD Analysis isForty-six sensors (46x), produced for spare parts between 2017 and early 2018, had a mis-calibration that with age, depending on exhaust gases' oxygen content, could trigger a deviation in the Sensor's signal and cause a MIL-on condition.				46	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				155690	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				22984	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				1877	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				5533	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				8384	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				7556	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				19194	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				661	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				86157	0
	Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w				80311	0
	Some 2014+2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOG control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered (to ensure the catalyst reaches the acti				3214	1
	Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter. 1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning. 2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.				4243	7
	The affected part number 13538506546 relates to the FUEL RAIL-INJECTOR FUEL LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils.) Please see corresponding EDIR-OG-N57/N47-0311.) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer) due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL-INJECTOR FUEL LINE is/was working properly and has/had no malfunction.	6/30/2015	10/30/2016		1209	298
	The OBD system may temporarily disable performing Fuel System monitoring (P0171/P0172) under certain driving conditions.	5/1/2018			33079	0

	A	B	C	D	E	F	G	H	I	J	K	L
4987	BMW	BMX	Correction	Submitted	1/29/2019 9:35:27		BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	Mini Cooper Convertible	
4988	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 3:07:09		MBX-DR-2019-0000483	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
4989	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 5:20:49		MBX-DR-2019-0000484	Defect Report	DR - Catalyst System			
4990	BMW	BMX	New Submission	Superseded	1/29/2019 8:30:22	1/29/2019 10:50:33	BMX-DR-2019-0000022	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
4991	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Bentley	Continental GT	
4992	Audi	ADX	New Submission	Submitted	5/13/2019 10:17:58		ADX-DR-2019-0000350	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Audi	A8L	
4993	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/13/2019 12:10:40		HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	PASSPORT FWD	
4994	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A8	
4995	BMW	BMX	Correction	Submitted	1/29/2019 10:41:42		BMX-DR-2019-0000019	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
4996	BMW	BMX	Correction	Submitted	1/29/2019 10:43:44		BMX-DR-2019-0000020	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	

	R	S	T	U
The affected part numbers 13907614013 (used for model MINI Cooper Clubman) and 13907621174 (used for models MINI Cooper and MINI Convertible) relate to the FUEL TANK BREATHER VALVE. Analyses have shown, that in 100% of all cases one of the following two different hardware failures could cause the malfunctioning tank breather valve, which are both detected by the OBD system (fault code entry including MIL illumination). Failure R1 (Knobs failure mode): The rubber structure of the knobs pressed in the hole of the valve bumper could crack in the area between chamfer and hole and in the following could detach end get lost in the backside. Due to the missing rubber structure there is a metal-to-metal contact in the fuel tank breather valve, which could result in a blocked valve and could lead to a too lean fuel mixture, which is detected by the OBD. Failure R2 (Retractable membrane): Due to failures in the production process the retractable membrane (plastic material) of the non-return valve could brake completely. This malfunction could be caused either by an extruding failure or by a pre-damage of the membrane due to a ridge on the seat engaging surface of the anker. For vehicles with one fuel tank breather valve this malfunction (broken membrane) will be detected by the OBD as small leakage, for vehicles with two valves as a leakage of the second purge line.	6/30/2015	6/29/2016	16499	4950
DAG has determined that insufficient robustness of the exhaust gas temperature sensor with regard to vibration and thermal shock could lead to electrical failures. Vibration or thermal shock might lead to delamination of the conduction, loss of adhesion of the chip in the measuring tip, fracture of the ceramic or disruption of the cement seal. As a result, a fault is stored in the engine control module.			3572	32
Daimler AG has determined that certain GLE- and GLS-Class vehicles (166 and 292 platforms) might have been equipped with incorrect catalytic converters due to limitations on part inventory management systems in place at the relevant plant. In this case, the vehicles might not comply with the certified configuration in the COC application and/or applicable emissions standards. This may affect the vehicle's compliance with the relevant regulatory requirements.			4	4
The affected part number 16127205307 relates to the REAR FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL RETURN LINE is/was working properly and has/had no malfunction.	6/30/2015	10/30/2016	1209	298
Complaint: Coolant warning / MIL on; DTCs Present:P2181 ? Cooling System Performance; P0597 ? Electrical Thermostat, Circuit Open; P0599 ? Electrical Thermostat, Circuit Short to Voltage;				
Component:Thermostat Part Number ? Production:079.121.115.AQ; Part Number ? Replacement:079.121.115.BD; Part Number ? Analysis:079.121.115.AQ; Analysis:The ECM will set P2181 if the measured engine temperature does not reach the value within the timing map. Particles from the production process contaminating the cooling system affect the closing of the thermostat;				
55xParticle at seal seat within the thermostat; 6XThermostat sealing out of position; 6XPin for heater element deformed due to electrical overstress;				
9kNTF			144	126
Complaint: Coolant warning / MIL on; DTCs Present:P2181 ? Cooling System Performance; P0597 ? Electrical Thermostat, Circuit Open; P0599 ? Electrical Thermostat, Circuit Short to Voltage;				
Component:Thermostat Part Number ? Production:079.121.115.AQ; Part Number ? Replacement:079.121.115.BD; Part Number ? Analysis:079.121.115.AQ; Analysis:The ECM will set P2181 if the measured engine temperature does not reach the value within the timing map. Particles from the production process contaminating the cooling system affect the closing of the thermostat;				
55xParticle at seal seat within the thermostat; 6XThermostat sealing out of position; 6XPin for heater element deformed due to electrical overstress;				
9kNTF			144	126
Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient and below the In Use Performance Ratio (IUPR) requirements.	7/6/2018		57585	0
Various PVE U(2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE U(2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary. GenerationModelIMCurrent Software target AEM-C Software Gen 2 PCAC620154G0907401N 0013 BWAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BWAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BWAB4H0907401N 0009 Gen 2 PCQ520158K3907401AC 0008 BWABK3907401AC 0010 Gen 2.1 SUV02015ALZ01A0012 AWBKLZ01A001A0014 Gen 2.2 SUVYouareg2015TP1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BWAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BWAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BWAB4H0907401N 0009 Gen 2 PCQ520168K3907401AC 0008 BWABK3907401AC 0010 Gen 2.2 SUVYouareg2016TP1907401C 0007 AVAB7P1907401C 0010			3202	3202
The affected part number 13538506546 relates to the FUEL RAIL-INJECTOR FUEL LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RAIL-INJECTOR FUEL LINE is/was working properly and has/had no malfunction.	6/30/2015	10/30/2016	1209	298
The affected part number 13538506547 relates to the HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component HIGH PRESSURE PIPE (ACCUMULATOR-TO-INJECTOR) is/was working properly and has/had no malfunction.	6/30/2015	10/30/2016	1209	298

	A	B	C	D	E	F	G	H	I	J	K	L
4997	BMW	BMX	New Submission	Submitted	7/18/2019 5:01:09		BMX-DR-2019-0000526	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
4998	Toyota Motor Corporation	TYX	New Submission	Submitted	2/15/2019 13:32:04		TYX-DR-2019-0000151	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	AVALON HYBRID	
4999	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	Q5	
5000	BMW	BMX	Correction	Submitted	1/29/2019 10:45:32		BMX-DR-2019-0000021	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
5001	BMW	BMX	Correction	Submitted	1/29/2019 10:50:33		BMX-DR-2019-0000022	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
5002	BMW	BMX	Correction	Submitted	1/29/2019 10:50:33		BMX-DR-2019-0000022	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
5003	Jaguar Land Rover Limited	JLX	Correction	Submitted	7/22/2019 10:16:55		JLX-DR-2019-0000090	Defect Report	DR - On-Board Diagnostic (OBD) System			
5004	Jaguar Land Rover Limited	JLX	Correction	Submitted	1/29/2019 17:09:44		JLX-DR-2019-0000775	Defect Report	DR - On-Board Diagnostic (OBD) System			
5005	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/29/2019 18:31:05		HNX-DR-2019-0000050	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 4Dr	
5006	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 11:01:09		JLX-DR-2019-0000551	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5007	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 11:01:09		JLX-DR-2019-0000551	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5008	Mercedes-Benz	MBX	New Submission	Submitted	7/24/2019 11:44:39		MBX-DR-2019-0000550	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5009	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Coupe	

	M	N	O	P
4997		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4998		KTYXV02.5P33	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
4999		PVGAJ03.0NU4	2015	On-Board Diagnostic (OBD) System
5000		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5001		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5002		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5003		JJLXJ03.0FSP	2018	On-Board Diagnostic (OBD) System
5004		FJLXT02.0FTP	2019	On-Board Diagnostic (OBD) System
5005		KHNKV01.5GH2	2019	On-Board Diagnostic (OBD) System
5006		JJLXJ03.0FSP	2018	Electrical Wiring, Sensor, and Actuator Systems
5007		JJLXT02.0RTV	2018	Electrical Wiring, Sensor, and Actuator Systems
5008		JMBXT04.0UZA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5009		CBMXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>The affected part number 16117260648 relates to the component DELIVERY UNIT W/IN-TANK FUEL PUMP.</p> <p>Analyses have shown that this component in general (in about 93% of all cases) was replaced in service in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMXV03.0N57, BMW decided a warranty extension to useful life (10 years / 120.000mls; please note that the corresponding FIR (equivalent to FIR-FOE-3.0-11) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls).</p> <p>Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component delivery unit w/in tank fuel pump was replaced in the other 7% of all cases.</p> <p>4997</p>	2/28/2014	6/29/2015	1505	160
	During a quality confirmation activity, which involved the inspection and potential replacement of the fuel filler pipe sub-assembly in certain vehicles after assembly and prior to dealer delivery, there is a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicle could leak fuel and may not meet the requirements of FMVSS N			140	140
	<p>Various PVE I/J(2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</p> <p>DTCs Present/No Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1)</p> <p>Following application of the Approved Emissions Modification (AEM), PVEI/J(2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelMCurrent Software Target AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA720154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520154K5907401AC 0008 BVA8K5907401AC 0010</p> <p>Gen 2.1 SUVQ720154L2910401A 0012 AVA84L2910401A 0014</p> <p>Gen 2.2 SUVtoure20157P1907401C 0007 AVA87P1907401C 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA720164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520168K5907401AC 0008 BVA8K5907401AC 0010</p> <p>Gen 2.2 SUVtoure20167P1907401C 0007 AVA87P1907401C 0010</p> <p>4999</p>			6970	6970
	<p>The affected part number 16127205304 relates to the REAR FUEL FEED LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mls) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL FEED LINE is/was working properly and has/had no malfunction.</p> <p>5000</p>	6/30/2015	10/30/2016	1209	298
	<p>The affected part number 16127205307 relates to the REAR FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mls) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL RETURN LINE is/was working properly and has/had no malfunction.</p> <p>5001</p>	6/30/2015	10/30/2016	1209	298
	<p>The affected part number 16127205307 relates to the REAR FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mls) (Please see corresponding EDIR-OG-N57/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL RETURN LINE is/was working properly and has/had no malfunction.</p> <p>5002</p> <p>During a State Inspection or using a dealer routine service tool, the VIN may not be displayed on the service tool. The retailer/center may be unable to cross check the VIN from the chassis to that contained in the PCM.</p> <p>5003</p> <p>A customer may express a concern that the Malfunction Indicator Lamp (MIL) is illuminated on the Instrument Cluster (IC) with the following DTCs: P2096 or P2097. This may be caused by an oversensitivity within the On-board Diagnostics (OBD) resulting in a false flag.</p> <p>5004</p> <p>The OBD system may falsely detect a malfunction of the P0461 "Fuel Level Sensor (Rationality)" in a certain condition.</p> <p>5005</p> <p>Humidity within the exhaust flow is able to enter the sensor chamber containing the ceramic component. This humidity may be absorbed by the ceramic material. When heated the absorbed liquid may vaporise leading to de-lamination cracking. The Malfunction Indicator Light (MIL) is illuminated and a diagnostic trouble code (DTC) relevant to the failed component is stored within the</p> <p>5006</p> <p>Humidity within the exhaust flow is able to enter the sensor chamber containing the ceramic component. This humidity may be absorbed by the ceramic material. When heated the absorbed liquid may vaporise leading to de-lamination cracking. The Malfunction Indicator Light (MIL) is illuminated and a diagnostic trouble code (DTC) relevant to the failed component is stored within the</p> <p>5007</p> <p>The warranty claims for the fill-level sensor in the G-class series are based on the following root cause: different geometric characteristics of the fill-level sensor or the oil tank after a supplier change could cause an occasional message in the instrument cluster "oil level too high?", even though the oil level is within the limit. The sensor itself is not defective but the geometric characteris</p> <p>5008</p>	6/30/2015	10/30/2016	1209	298
	<p>The affected part number 13517588679 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL Illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL Illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p> <p>5009</p>	6/30/2011	6/29/2012	1048	435

	A	B	C	D	E	F	G	H	I	J	K	L
5010	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works	
5011	Audi	ADX	New Submission	Submitted	5/24/2019 14:11:01		ADX-DR-2019-0000363	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A7 quattro	
5012	Audi	ADX	New Submission	Submitted	5/24/2019 14:11:01		ADX-DR-2019-0000363	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	TOUAREG	
5013	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 11:55:58		HNX-DR-2019-0000064	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	ILX	
5014	FCA US LLC	CRX	New Submission	Submitted	6/6/2019 8:03:07		CRX-DR-2019-0000417	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Jeep	Renegade Trailhawk 4x4	
5015	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	Touareg	
5016	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	
5017	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4x2	
5018	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	
5019	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee Trailhawk 4x4	
5020	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee 4x4	
5021	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee FWD	
5022	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger SRT	
5023	Toyota Motor Corporation	TYX	New Submission	Submitted	7/26/2019 11:36:22		TYX-DR-2019-0000570	Defect Report	DR - Drivetrain/Transmission System	LEXUS	LS 500 AWD	
5024	Toyota Motor Corporation	TYX	New Submission	Submitted	7/26/2019 11:36:22		TYX-DR-2019-0000570	Defect Report	DR - Drivetrain/Transmission System	LEXUS	LS 500	

	M	N	O	P
5010		BBMXV01.6SP0	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5011		EADXI03.04UG	2014	On-Board Diagnostic (OBD) System
5012		DADXT03.02UG	2013	On-Board Diagnostic (OBD) System
5013		FHXVW02.0JA3	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5014		FCRXJ02.4SP0	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5015		FVGAT03.0NU2	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5016		GCRXT05.75P1	2016	Exhaust Gas Recirculation (EGR) System
5017		HCRXT03.65P3	2017	Exhaust Gas Recirculation (EGR) System
5018		GCRXT03.65P0	2016	Exhaust Gas Recirculation (EGR) System
5019		GCRXI03.65P3	2016	Exhaust Gas Recirculation (EGR) System
5020		GCRXI03.65P3	2016	Exhaust Gas Recirculation (EGR) System
5021		HCRXT03.25P1	2017	Exhaust Gas Recirculation (EGR) System
5022		HCRXV06.4SP0	2017	Exhaust Gas Recirculation (EGR) System
5023		JTYXV03.5K6A	2018	Drivetrain/Transmission System
5024		JTYXV03.5K6A	2018	Drivetrain/Transmission System

	A	B	C	D	E	F	G	H	I	J	K	L
5025	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5026	BMW	BMX	New Submission	Submitted	2/28/2019 7:47:51		BMX-DR-2019-0000178	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
5027	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5028	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5029	Mercedes Benz	MBX	New Submission	Submitted	6/12/2019 2:59:44		MBX-DR-2019-0000430	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5030	Audi	ADX	New Submission	Submitted	2/11/2019 15:44:11		ADX-DR-2019-0000111	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GTI	
5031	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
5032	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
5033	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
5034	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
5035	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	
5036	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S AWD	

	M	N	O	P
5025		GILXT03.0F5P	2016	Electrical Wiring, Sensor, and Actuator Systems
5026		FBMXV03.0K57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5027		CMBXT03.0HD1	2012	Air Inlet System (Including Turbo and Superchargers)
5028		AMBXT03.0HD1	2010	Air Inlet System (Including Turbo and Superchargers)
5029		AMBXT03.0HD2	2010	Air Inlet System (Including Turbo and Superchargers)
5030		DADIXV02.03PA	2013	On-Board Diagnostic (OBD) System
5031		GCRXJ03.65P3	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5032		BSKXV2.395F1	2011	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5033		ASKXV2.395F1	2010	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5034		DSKXV2.395F1	2013	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5035		CSKXV2.395F1	2012	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5036		ASKXV2.395F1	2010	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
5037	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
5038	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	
5039	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra	
5040	Hyundai Motor Company	HYX	New Submission	Submitted	8/16/2019 17:48:07		HYX-DR-2019-0000647	Defect Report	DR - Ignition System	HYUNDAI	Elantra SE	
5041	Jaguar Land Rover Limited	JLX	New Submission	Submitted	5/3/2019 10:05:33		JLX-DR-2019-0000214	Defect Report	DR - On-Board Diagnostic (OBD) System	Jaguar	F-Pace	
5042	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	MDX 2WD	
5043	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT 2WD	
5044	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/3/2019 18:30:45		HNX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT FWD	
5045	FCA US LLC	CRX	New Submission	Submitted	8/22/2019 8:43:05		CRX-DR-2019-0000652	Defect Report	DR - Catalyst System			
5046	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	3/4/2019 11:47:19	3/4/2019 12:18:39	NSX-DR-2019-0000174	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	INFINITI	Q60a AWD	
5047	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 15:22:05		CRX-DR-2019-0000191	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Dodge	Avenger	
5048	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 15:22:05		CRX-DR-2019-0000191	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Chrysler	200	
5049	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
5050	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 FWD	
5051	Volvo Car USA, LLC	VVX	Correction	Submitted	4/26/2019 14:55:09		VVX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 AWD	

	M	N	O	P
5037		BSKXV2.395F3	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5038		CSKXV2.395F1	2012	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5039		HHYXV02.01EP	2017	Ignition System
5040		HHYXV02.01ES	2017	Ignition System
5041		JJLXI02.0RTX	2018	On-Board Diagnostic (OBD) System
5042		GHNXV03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5043 9AT		GHNXV03.5VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5044 9AT		JHNXV03.5RH3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5045		GCRXV06.25P3	2016	Catalyst System
5046		HNSXV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5047		ECRXV02.4CP0	2014	Exhaust System (Other than EGR and Catalyst Systems)
5048		ECRXV02.4CP0	2014	Exhaust System (Other than EGR and Catalyst Systems)
5049		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5050		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5051		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
5037	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2010	5/31/2011	6120	6120
5038	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.	6/1/2011	5/31/2012	6331	6331
5039	Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the igni			30369	2338
5040	Some 2017-2019 model year Hyundai Elantra vehicles equipped with 2.0L engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main causes are improper data calibration for cylinder imbalance fuel adaption in the case of deteriorated cylinder engine roughness and moisture entering the igni			243747	13312
5041	Customer may experience MIL illumination with Diagnostic Trouble Code P0191-85 stored within the Powertrain Control Module.				
5042	Root cause was determined to be an incorrect value in the fuel rail pressure model, which caused a false MIL based on DTC P0191-85.			22423	452
5043	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	2/2/2015	11/7/2016	134326	1386
5043	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	2/2/2015	11/7/2016	134326	1386
5044	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	9/19/2017	7/16/2018	147612	257
5045	Some 2015-2017 Dodge Charger SRT and Dodge Challenger SRT vehicles equipped with a 6.2L Hellcat engine (sales code E5D) are having catalytic converters replaced. Customers are bringing in their vehicles after Malfunction Indicator Lamp (MIL) illumination (P-codes P020 and P030 for catalyst efficiency are set).			13948	13948
5046	On some 2016-2018 Infiniti Q50 and Q60 vehicles, customers are experiencing a MIL illumination related to the Mass Air Flow sensor (DTC P0101, P010B), and in some cases, a MIL may also illuminate for the Manifold Absolute Pressure sensor (DTC P0106). Infiniti has investigated and found that, under certain conditions, air flow learning may occur during additional throttle valve openi			39168	71
5047	Some 2014MY Chrysler 200 and Dodge Avenger ("25") vehicles equipped with a 2.4L PZEV World Gas Engine (sales code: EDG) might experience cracked exhaust manifolds due to thermal metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized leak located at the exhaust manifold.			25669	90
5048	Some 2014MY Chrysler 200 and Dodge Avenger ("25") vehicles equipped with a 2.4L PZEV World Gas Engine (sales code: EDG) might experience cracked exhaust manifolds due to thermal metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized leak located at the exhaust manifold.			25669	90
5049	Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail. The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load. The concerned sensor went of production 2016 week 16.			15305	15305
5050	Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail. The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load. The concerned sensor went of production 2016 week 16.			33968	33968
5051	Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail. The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load. The concerned sensor went of production 2016 week 16.			15305	15305

	A	B	C	D	E	F	G	H	I	J	K	L
5052	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	560 Inscription FWD	
5053	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	580 FWD	
5054	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	560 FWD	
5055	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	560 Inscription FWD	
5056	American Honda Motor Co., Inc.	HMX	New Submission	Superseded	4/26/2019 15:06:36	5/1/2019 13:51:02	HMX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	PILOT 4WD	
5057	BMW	BMX	New Submission	Submitted	7/17/2019 8:21:42		BMX-DR-2019-0000525	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	BMW	328i	
5058	BMW	BMX	New Submission	Submitted	7/17/2019 8:21:42		BMX-DR-2019-0000525	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	BMW	328Ci CONVERTIBLE	
5059	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	
5060	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5061	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
5052		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5053		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5054		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5055		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5056 9AT		GHXXV03.3VA3	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5057		7BMXXV03.0N51	2007	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5058		7BMXXV03.0N51	2007	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5059		FKMXV02.0EFP	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5060		CMBXV03.0U2B	2012	Electrical Wiring, Sensor, and Actuator Systems
5061		CMBXV03.0U2B	2012	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
5052					
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
5053					
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
5054					
	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
5055		2/2/2015	11/7/2016	134326	1386
5056	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.				
	<p>The affected part number 1613719479 relates to the Leak Diagnostic Pump. Analyses have shown, that in about 85% of all cases the component Leak Diagnostic Pump was replaced due to a malfunction including fault code storage and MIL illumination. Main reason for the defect is corrosion due to condensate entry in the Leak Diagnostic Pump which leads e.g. to electrical malfunctions.</p> <p>In addition the component Leak Diagnostic Pump was replaced due to variations of the friction coefficient (leads to current fluctuations during the reference leak measurements) caused by unsteady manufacturing quality. As a result a leakage of the EVAP system was misleadingly detected.</p>	10/31/2006	8/30/2007	21800	927
5057					
	<p>The affected part number 1613719479 relates to the Leak Diagnostic Pump. Analyses have shown, that in about 85% of all cases the component Leak Diagnostic Pump was replaced due to a malfunction including fault code storage and MIL illumination. Main reason for the defect is corrosion due to condensate entry in the Leak Diagnostic Pump which leads e.g. to electrical malfunctions.</p> <p>In addition the component Leak Diagnostic Pump was replaced due to variations of the friction coefficient (leads to current fluctuations during the reference leak measurements) caused by unsteady manufacturing quality. As a result a leakage of the EVAP system was misleadingly detected.</p>	10/31/2006	8/30/2007	21800	927
5059	Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOG control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered (to ensure the catalyst reaches the act			8053	2
5060	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			2257	0
5061	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			2257	0

	A	B	C	D	E	F	G	H	I	J	K	L
5002	BMW	BMX	New Submission	Submitted	3/6/2019 9:04:57		BMX-DR-2019-0000181	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X6 xDrive50i	
5003	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works	
5004	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	SEQUOIA 4WD	
5005	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	RX 350 L AWD	
5006	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	LEXUS	GS 350 AWD	
5007	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	Accent	
5008	Kia Motors Corporation	KMX	New Submission	Submitted	3/15/2019 15:32:28		KMX-DR-2019-0000210	Defect Report	DR - Catalyst System	HYUNDAI	VELOSTER	
5009	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5070	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:14:20		NSX-DR-2019-0000003	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	NISSAN	ALTIMA	
5071	Mercedes Benz	MBX	New Submission	Submitted	4/3/2019 6:49:34		MBX-DR-2019-0000258	Defect Report	DR - On-Board Diagnostic (OBD) System			
5072	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	340i	

	M	N	O	P
5062		FBMXT04.4F15	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5063		ABMXV01.6SPD	2010	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5064		JTYXV03.7M5W	2018	Electrical Wiring, Sensor, and Actuator Systems
5065		JTYXV03.5M5M	2018	Electrical Wiring, Sensor, and Actuator Systems
5066		JTYXV03.5M5A	2018	Electrical Wiring, Sensor, and Actuator Systems
5067		FKMXV01.6DBE	2015	Catalyst System
5068		DKMXV01.6DBE	2013	Catalyst System
5069		FMEXV02.1U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
5070		KNXKV02.5RPA	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5071		HMBXT02.0U2A	2017	On-Board Diagnostic (OBD) System
5072		GBMXV03.0B58	2016	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 41% due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 59% of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	7/31/2014	7/30/2015	6359	1246
	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	8/31/2009	7/30/2010	737	216
	5064 Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			73715	73715
	5065 Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			144048	144048
	5066 Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			13996	13996
	<p>2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP) logic could be a cause of this issue.</p> <p>High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires.</p> <p>To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.</p>			90695	2335
	<p>2012~2016 model year KIA Souls equipped with 1.6L engine have experienced safety issue of vehicle fire. According to the investigation, overheating of a catalyst converter which is caused by inaccurate Catalytic Overheating Protection(COP) logic could be a cause of this issue.</p> <p>High exhaust gas temperature could damage the catalytic converter and it can cause abnormal combustion and damage pistons and connecting rods. A failed connecting rod can pierce the engine block and cause oil leaks that can cause fires.</p> <p>To correct this problem, Kia will reprogram the ECU data with improved COP condition to protect the catalyst converter and replace the catalytic converter which vehicles have a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0420.</p>			76899	199
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>			4243	7
	5070 On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may	5/25/2018	10/30/2018	23865	100
	5071 Daimler AG has determined that, in case a fault is detected by the monitors of the oxygen sensor heaters, specific values which can be read out by the Generic Scantool may be updated more often than specified by OBD regulations. The functionality of the monitors themselves, as well as fault freeze frame data, is not affected. In case of a detected fault, the malfunction indicator lamp w			5522	0
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2015	6/29/2016	904	904

	A	B	C	D	E	F	G	H	I	J	K	L
5073	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 xDrive30i	
5074	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	
5075	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Convertible	
5076	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	
5077	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Coupe	
5078	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	

	M	N	O	P
5073		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
5074		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
5075		JBMXI02.0B4X	2018	On-Board Diagnostic (OBD) System
5076		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
5077		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
5078		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
5079	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Gran Coupe	
5080	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	
5081	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Coupe	
5082	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	
5083	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	
5084	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	

	M	N	O	P
5079		HBMXV03.0B58	2017	On-Board Diagnostic (OBD) System
5080		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
5081		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
5082		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
5083		LBMX02.0B4X	2020	On-Board Diagnostic (OBD) System
5084		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
5085	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	
5086	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Convertible	
5087	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X4 xDrive30i	
5088	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Gran Coupe	
5089	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
5090	BMW	BMX	New Submission	Superseded	1/29/2019 7:06:04	1/29/2019 10:30:53	BMX-DR-2019-0000014	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	

	M	N	O	P
5085		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
5086		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System
5087		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5088		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5089		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5090		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	3/31/2019	5/7/2019	904	904
5005					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	1145	1145
5006					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
5007					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
5008					
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
5009					
	<p>The affected part number 11617801943 relates to the VENTURI TO THROTTLE O-RING (PROFILE GASKET). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBM0V03 J0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mi) (Please see corresponding EDIR-UG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mi). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component VENTURI TO THROTTLE O-RING (PROFILE GASKET) is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
5090					

	A	B	C	D	E	F	G	H	I	J	K	L
5091	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d xDrive	
5092	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Charger	
5093	BMW	BMX	New Submission	Superseded	1/29/2019 9:16:50	1/29/2019 9:21:28	BMX-DR-2019-0000024	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	ActiveHybrid 5	
5094	BMW	BMX	New Submission	Superseded	1/29/2019 8:06:06	1/29/2019 10:39:49	BMX-DR-2019-0000018	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
5095	BMW	BMX	New Submission	Superseded	1/29/2019 8:06:06	1/29/2019 10:39:49	BMX-DR-2019-0000018	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
5096	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forté	
5097	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra Coupe	
5098	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forté Koup	
5099	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5100	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5101	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5102	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5103	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5104	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	

	M	N	O	P
5091		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System
5092		JCRXV05.75P1	2018	On-Board Diagnostic (OBD) System
5093		DBMXV03.0AH5	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5094		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5095		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5096		EKMXV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5097		EKMXV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5098		EKMXV02.0EFP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5099		DMBX03.0U2A	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5100		CMBX03.0U2A	2012	Computer Related (Other than On-Board Diagnostic (OBD) System)
5101		DMBXV03.0U2B	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5102		FMBX03.0U2A	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5103		FMBX02.1U2A	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5104		BHYXT02.4LWS	2011	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
5105	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
5106	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	
5107	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 2WD	
5108	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	
5109	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
5110	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	

	M	N	O	P
5105		JHYXV02.41WS	2018	Electrical Wiring, Sensor, and Actuator Systems
5106		EHYXV02.41WE	2014	Electrical Wiring, Sensor, and Actuator Systems
5107		EHYXV02.01VE	2014	Electrical Wiring, Sensor, and Actuator Systems
5108		HHYXV02.4AJ5	2017	Electrical Wiring, Sensor, and Actuator Systems
5109		HHYXV02.0AHF	2017	Electrical Wiring, Sensor, and Actuator Systems
5110		FHYXV02.01VE	2015	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
5111	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson AWD	
5112	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT Tech/LIMITED Tech	
5113	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
5114	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport ULTIMATE FWD	
5115	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
5116	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata SPORT/LIMITED	

	M	N	O	P
5111		JHYXV02.01UF	2018	Electrical Wiring, Sensor, and Actuator Systems
5112		GHYXV02.4AJ4	2016	Electrical Wiring, Sensor, and Actuator Systems
5113		FHYXV02.01HE	2015	Electrical Wiring, Sensor, and Actuator Systems
5114		GHYXV02.01VE	2016	Electrical Wiring, Sensor, and Actuator Systems
5115		GHYXV02.01VE	2016	Electrical Wiring, Sensor, and Actuator Systems
5116		FHYXV02.41JE	2015	Electrical Wiring, Sensor, and Actuator Systems

Q	R	S	T	U
<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			7044	
<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			106405	0
<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			25278	0
<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			8124	0
<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			8124	0
<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019 MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSDS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSDS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			135809	

	A	B	C	D	E	F	G	H	I	J	K	L
5117	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
5118	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
5119	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport AWD	
5120	Ford Motor Company	FMX	New Submission	Submitted	9/23/2019 17:02:02		FMX-DR-2019-0000723	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5121	Ford Motor Company	FMX	New Submission	Submitted	9/23/2019 17:02:02		FMX-DR-2019-0000723	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5122	Kia Motors Corporation	KMX	New Submission	Submitted	11/8/2019 10:49:09		KMX-DR-2019-0000937	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte	
5123	Kia Motors Corporation	KMX	New Submission	Submitted	11/8/2019 10:49:09		KMX-DR-2019-0000937	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte 5	
5124	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V60 AWD	
5125	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 AWD	
5126	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 CC AWD	
5127	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 FWD	
5128	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 FWD	

	M	N	O	P
5117		KHYXV02.4EH3	2019	Electrical Wiring, Sensor, and Actuator Systems
5118		BHYXV02.0XW5	2011	Electrical Wiring, Sensor, and Actuator Systems
5119		HHYXV02.41W5	2017	Electrical Wiring, Sensor, and Actuator Systems
5120		KFMXT02.02NP	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
5121		KFMXT02.02M1	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
5122		LKMXV02.0CE5	2020	On-Board Diagnostic (OBD) System
5123		LKMXV02.0CE3	2020	On-Board Diagnostic (OBD) System
5124		GVVXV02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
5125		JVWXI02.0B70	2018	Air Inlet System (Including Turbo and Superchargers)
5126		JVWXI02.0B70	2018	Air Inlet System (Including Turbo and Superchargers)
5127		JVWXI02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
5128		PVVXV02.0S3T	2015	Air Inlet System (Including Turbo and Superchargers)

	Q	R	S	T	U
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			35623	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p>			25899	0
	<p>Hyundai Motors America, Inc. is conducting an important Product Improvement Campaign to update software on 2011~2019 MY Sonata, 2013~2019 MY Santa Fe Sport, 2014~2015 MY and 2018~2019 MY Tucson, and 2019MY Veloster N vehicles equipped with 2.0L and 2.4L GDI engines to protect the engine from connecting rod bearing damage.</p> <p>The update will only involve the addition of newly developed computer software for the Engine Control Unit (ECU).</p> <p>Hyundai recently developed a Knock Sensor Detection System (KSOS) that detects vibrations indicating the onset of connecting rod bearing wear in the engine.</p> <p>The KSOS is designed to alert a vehicle driver at an early stage of bearing wear before the occurrence of engine damage including engine failure.</p> <p>5120 2019 MY 2.0L Transit Connect GDI gasoline-only vehicles were built with an E85-capable calibration, and some E85-capable vehicles were built with a gasoline-only calibration.</p> <p>5121 2019 MY 2.0L Transit Connect GDI gasoline-only vehicles were built with an E85-capable calibration, and some E85-capable vehicles were built with a gasoline-only calibration.</p> <p>5122 Some Kia 20MY Forte 2.0MPI vehicles have an issue that displays incorrect test group information to a scan tool. According to the investigation, there was a clerical error in the ECU calibration.</p> <p>5123 Some Kia 20MY Forte 2.0MPI vehicles have an issue that displays incorrect test group information to a scan tool. According to the investigation, there was a clerical error in the ECU calibration.</p>			117309 20351 498 20017 6997	0 20351 498 20017 6997
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			20507	474
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			41181	181
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			41181	181
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			26274	169
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.</p>			8224	914

	A	B	C	D	E	F	G	H	I	J	K	L
5129	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:49:34		VWX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 FWD	
5130	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:49:34		VWX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
5131	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:49:34		VWX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 Inscription FWD	
5132	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:49:34		VWX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 FWD	
5133	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:50:30		VWX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 FWD	
5134	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:50:30		VWX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 FWD	
5135	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:50:30		VWX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 FWD	
5136	Volvo Car USA, LLC	VWX	New Submission	Submitted	11/8/2019 10:50:30		VWX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 FWD	
5137	Ford Motor Company	FMX	New Submission	Submitted	10/17/2019 11:18:17		FMX-DR-2019-0000762	Defect Report	DR - Crankcase Ventilation System			
5138	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	JETTA SPORTWAGEN	
5139	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	Jetta	

	M	N	O	P
5129		GVVXT02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
5130		GVVXT02.0U3T	2016	Air Inlet System (Including Turbo and Superchargers)
5131		JVWXJ02.0125	2018	Air Inlet System (Including Turbo and Superchargers)
5132		GVVXV02.0S3T	2016	Air Inlet System (Including Turbo and Superchargers)
5133		KVWXJ02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
5134		KVWXJ02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
5135		JVWXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
5136		JVWXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
5137		KFMXV03.0VLG	2019	Crankcase Ventilation System
5138		CVWXV02.0USN	2012	Exhaust Gas Recirculation (EGR) System
5139		DVWXV02.0USN	2013	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
5129	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			36859	1534
5130	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			36859	1534
5131	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			23992	162
5132	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			6730	174
5133	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			28588	1117
5134	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			28588	1117
5135	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			2865	59
5136	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			2865	59
5137	Some 2019 MY 2.7L and 3.0L gasoline turbocharged direct injection (GTDI) vehicles were built with a positive crankcase ventilation (PCV) valve that was not intended for these applications, which can result in an increased risk of false malfunction indicator light (MIL) illumination.			741	741
5138	Complaint: MIL on DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient) Components: EGR Filter Part Number ? Incorrect: 1K0253120 Part Number ? Correct: 1K0253120B Analysis:- Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part. -The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPFFault.			32	32
5139	Complaint: MIL on DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient) Components: EGR Filter Part Number ? Incorrect: 1K0253120 Part Number ? Correct: 1K0253120B Analysis:- Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part. -The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPFFault.			24	24

	A	B	C	D	E	F	G	H	I	J	K	L
5140	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Volkswagen	JETTA SPORTWAGEN	
5141	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 7:51:22		VGA-DR-2019-0000728	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Golf SportWagen	
5142	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 7:51:22		VGA-DR-2019-0000728	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 Cabriolet quattro	
5143	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/26/2019 7:51:22		VGA-DR-2019-0000728	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 Cabriolet	
5144	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	10/29/2019 18:19:40		NSX-DR-2018-0000772	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System	NISSAN	MURANO FWD	
5145	Porsche AG	PRX	New Submission	Submitted	9/25/2019 13:52:28		PRX-DR-2019-0000696	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Macan S	
5146	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
5147	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
5148	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	CAMRY XLE/SE	
5149	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	NX 300 AWD	
5150	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	HIGHLANDER AWD LE	
5151	Toyota Motor Corporation	TYX	Correction	Superseded	10/8/2019 16:57:12	10/23/2019 15:12:40	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	TOYOTA	TACOMA 4WD TRD PRO	
5152	Hyundai Motor Company	HYX	New Submission	Submitted	10/11/2019 10:58:37		HYX-DR-2019-0000751	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Veloster	
5153	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
5154	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	

	M	N	O	P
5140		DVWXV02.0USN	2013	Exhaust Gas Recirculation (EGR) System
5141		FVGAV02.0APA	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5142		FVGAV02.0APA	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5143		FVGAV02.0APA	2015	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5144		FNSXV03.5G7C	2015	Heating, Ventilation, and Air Conditioning (HVAC) System
5145		KPRXT03.0CV6	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5146		FGMXI02.4199	2015	Exhaust System (Other than EGR and Catalyst Systems)
5147		EGMXT02.4151	2014	Exhaust System (Other than EGR and Catalyst Systems)
5148		KTYXV02.593A	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5149		KTYXT02.0K6M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5150		KTYXT03.5M5M	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5151		KTYXT03.5M5N	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5152		LHFXV02.0BES	2020	Computer Related (Other than On-Board Diagnostic (OBD) System)
5153		JBMXV02.0N47	2018	Exhaust Gas Recirculation (EGR) System
5154		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
	Complaint:MIL on DTCs Present:P0401 (Exhaust Gas Recirculation Flow Insufficient) Components:EGR Filter Part Number ? Incorrect:1K0253120 Part Number ? Correct:1K0253120B Analysis:-Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part. 5140The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPF Fault.			24	24
	Complaint:MIL on ; DTCs Present:P0456 - EVAP Very Small Leak Detected ; P0450 - EVAP Emission System Pressure Sensor/Switch ; P0441 - EVAP Emission Control System Incorrect Purge Flow ; Component:EVAP Canister Assembly ; Part Number ? Production:S00.201.797 ; Part Number ? Analysis:S00.201.797 ; Part Number ? Replacement:S00.201.797.F ; 5141Analysis:Contamination of the NVLD switch may lead to an internal leak resulting in the OBD monitor reporting a very small leak. This condition has no external or environmental impact.			1410	1410
	Complaint:MIL on ; DTCs Present:P0456 - EVAP Very Small Leak Detected ; P0450 - EVAP Emission System Pressure Sensor/Switch ; P0441 - EVAP Emission Control System Incorrect Purge Flow ; Component:EVAP Canister Assembly ; Part Number ? Production:S00.201.797 ; Part Number ? Analysis:S00.201.797 ; Part Number ? Replacement:S00.201.797.F ; 5142Analysis:Contamination of the NVLD switch may lead to an internal leak resulting in the OBD monitor reporting a very small leak. This condition has no external or environmental impact.			1410	1410
	Complaint:MIL on ; DTCs Present:P0456 - EVAP Very Small Leak Detected ; P0450 - EVAP Emission System Pressure Sensor/Switch ; P0441 - EVAP Emission Control System Incorrect Purge Flow ; Component:EVAP Canister Assembly ; Part Number ? Production:S00.201.797 ; Part Number ? Analysis:S00.201.797 ; Part Number ? Replacement:S00.201.797.F ; 5143Analysis:Contamination of the NVLD switch may lead to an internal leak resulting in the OBD monitor reporting a very small leak. This condition has no external or environmental impact.			1410	1410
	5144 On some 2015-2017 Nissan Murano vehicles, customers are experiencing a malfunction in the climate control seats where, after several minutes of use, the seat heating or cooling function stops working. Nissan has investigated and found that a portion of the climate control seat harness may not be properly secured to the seat frame and can potentially vibrate enough to cause a short.			28561	48
	5145 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.02077 leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).	5/1/2018	4/30/2019	18883	0
	5146 In certain vehicles, a crack may occur in the exhaust manifold which may result in an exhaust noise.			199708	271
	5147 In certain vehicles, a crack may occur in the exhaust manifold which may result in an exhaust noise.			111102	1237
	5148 Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			109	109
	5149 Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			2344	2344
	5150 Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			31361	31361
	5151 Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.			18046	18046
	5152 2020 model year Hyundai Velosters equipped with 2.0L engine have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P030X. According to the investigation, the main cause is an improper data calibration for cylinder imbalance fuel adaptation in case of a certain deteriorated cylinder engine roughness. To improve this matter, Hyundai will reproc			577	577
	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iLd xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).	6/30/2017	12/30/2018	1049	1049
	Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740iLd xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).	2/28/2014	6/29/2015	1505	1505

	A	B	C	D	E	F	G	H	I	J	K	L
5155	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	XS xDrive 35d	
5156	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera Turbo S e-Hybrid	4L
5157	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4S ST	2.9L
5158	Porsche AG	PRX	Correction	Submitted	9/27/2019 10:56:57		PRX-DR-2019-0000682	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Panamera 4 e-Hybrid	2.9L
5159	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Convertible	
5160	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i	
5161	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i Gran Coupe	
5162	Toyota Motor Corporation	TYX	New Submission	Superseded	9/20/2019 11:59:58	10/8/2019 16:57:12	TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	RX 450hL AWD	
5163	Toyota Motor Corporation	TYX	Correction	Submitted	10/23/2019 15:12:39		TYX-DR-2019-0000715	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	LEXUS	UX 250h AWD	
5164	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5165	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 1:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5166	FCA US LLC	CRX	New Submission	Submitted	11/13/2019 6:53:24		CRX-DR-2019-0000940	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chrysler	Pacifica	
5167	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/4/2018 10:48:35		VGA-DR-2018-0000092	Defect Report	DR - Emission Control Information Label	Audi	S4	
5168	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/8/2018 14:09:01	5/8/2018 14:18:11	VVX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
5169	Volvo Car USA, LLC	VVX	New Submission	Superseded	5/8/2018 14:09:01	5/8/2018 14:18:11	VVX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	

	M	N	O	P
5155		JBMXT03.0N57	2018	Exhaust Gas Recirculation (EGR) System
5156 Automatic		JPRXV04.0PH8	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5157 Automatic		JPRXV03.0PV6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5158 Automatic		JPRXV02.3PH6	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5159		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5160		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5161		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5162		KTYXT03.5P35	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5163		KTYXV02.0N4C	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5164		EMBXTO3.0U2A	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5165		CMBXV03.0U2B	2012	Computer Related (Other than On-Board Diagnostic (OBD) System)
5166		HCRXT03.6SP1	2017	Electrical Wiring, Sensor, and Actuator Systems
5167		JVGAI03.0N7F	2018	Emission Control Information Label
5168		GVVXT02.0P3T	2016	Drivetrain/Transmission System
5169		HVVXT02.0P3T	2017	Drivetrain/Transmission System

	Q	R	S	T	U
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 (if applicable) 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas. Unusual noise from the engine compartment Smoke development from the engine in all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 55d and 535d xDrive)</p> <p>5155 produced between 07/01/2013 and 05/31/2017.</p> <p>5156 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020??? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>5157 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020??? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p> <p>5158 On certain vehicles, the evaporative emissions leak detection monitor, under some conditions, may be unable to detect a 0.020??? leak. This is due to a possible hardware problem with the Diagnostic Module for Tank Leakage (DMTL).</p>	8/31/2017	7/30/2018	3509	3509
		5/1/2017	4/30/2018	352	0
		5/1/2017	4/30/2018	9612	0
		5/1/2017	4/30/2018	1549	0
	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis have shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	2/28/2014	6/29/2015	11459	963
	<p>5161 Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.</p> <p>5162 Customer vehicles may exhibit a fuel smell and/or leak from the engine compartment. In rare cases, extended cranking may occur during engine start. This condition is the result of some direct fuel injector O-rings that may split under fuel pressure.</p> <p>5164 The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited "1s</p> <p>5165 The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine of within the limited "1s</p> <p>5166 Some 2017-2019MY Chrysler Pacifica (EU) vehicles equipped with a 3.6L engine and Engine Start Stop (ESS) are having the Auxiliary Battery replaced due to electrolyte dry-out.</p>	2/28/2014	6/29/2015	1443 923 9902 1 62918	1443 923 0 0 755
	<p>MY18 vehicles have been incorrectly labeled with MY 2017 Vehicle Emissions Control Information labels instead of the correct MY 2018 VECI. To correct this, a new label along with a new part number have been produced for MY 2018 vehicles.</p> <p>Production Part Number: 06M010 533</p> <p>Replacement Number: 06M010 533 C</p>			2368	2368
	<p>Electric Rear Axle Drive (ERAD): The ERAD consists of an electric motor combined with a fixed gear transmission and clutch. The electric motor is a water cooled 3-phase AC synchronous motor for pure electric or hybrid operation which drives the rear wheels. In addition the ERAD provides regenerative braking capability which is used to charge the high-voltage battery. A clutch is used to disconnect the electric motor from the transmission, consisting of a worm gear connected to a dog clutch.</p>	4/6/2015	4/18/2016	2229	111
	<p>The defect is confined to the dog clutch hardware which may not allow proper engagement of the electric motor to the transmission.</p>				
	<p>Electric Rear Axle Drive (ERAD): The ERAD consists of an electric motor combined with a fixed gear transmission and clutch. The electric motor is a water cooled 3-phase AC synchronous motor for pure electric or hybrid operation which drives the rear wheels. In addition the ERAD provides regenerative braking capability which is used to charge the high-voltage battery. A clutch is used to disconnect the electric motor from the transmission, consisting of a worm gear connected to a dog clutch.</p>	4/18/2016	4/24/2017	2526	30
	<p>The defect is confined to the dog clutch hardware which may not allow proper engagement of the electric motor to the transmission.</p>				

	A	B	C	D	E	F	G	H	I	J	K	L
5170	PCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Renegade 4x2	
5171	PCA US LLC	CRX	New Submission	Submitted	5/10/2018 12:39:12		CRX-DR-2018-0000117	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Jeep	Cherokee FWD	
5172	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/10/2018 12:59:50		NSX-DR-2018-0000083	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q60 AWD	2.0L
5173	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	5/10/2018 12:59:50		NSX-DR-2018-0000083	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	INFINITI	Q60	2.0L
5174	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 3:43:15		MBX-DR-2018-0000139	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5175	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 3:43:15		MBX-DR-2018-0000139	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5176	Volvo Car USA, LLC	VXX	New Submission	Superseded	5/23/2018 14:14:28	5/9/2019 10:06:14	VXX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 CC AWD	
5177	Volvo Car USA, LLC	VXX	Correction	Submitted	5/24/2018 13:22:13		VXX-DR-2018-0000105	Defect Report	DR - Hybrid Vehicle System	Volvo	XC90 AWD	
5178	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 4:36:54		MBX-DR-2018-0000147	Defect Report	DR - On-Board Diagnostic (OBD) System			
5179	Mercedes Benz	MBX	New Submission	Submitted	5/17/2018 4:36:54		MBX-DR-2018-0000147	Defect Report	DR - On-Board Diagnostic (OBD) System			
5180	BMW	BMX	New Submission	Submitted	5/28/2018 10:02:26		BMX-DR-2018-0000162	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	535d xDrive	
5181	Volvo Car USA, LLC	VXX	Correction	Superseded	5/8/2018 14:18:11	5/24/2018 13:22:14	VXX-DR-2018-0000105	Defect Report	DR - Drivetrain/Transmission System	Volvo	XC90 AWD	
5182	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	K1500 TAHOE 4WD	
5183	General Motors LLC	GMX	Correction	Submitted	5/21/2018 11:49:13		GMX-DR-2018-0000150	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	K15 SILVERADO 4WD	
5184	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
5185	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
5186	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
5187	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:31:56		MBX-DR-2018-0000121	Defect Report	DR - On-Board Diagnostic (OBD) System			
5188	Mercedes Benz	MBX	New Submission	Submitted	5/9/2018 11:50:27		MBX-DR-2018-0000122	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5189	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/1/2018 15:51:21		VGA-DR-2018-0000173	Defect Report	DR - Emission Control Information Label	Volkswagen	Golf Alltrack	
5190	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/1/2018 15:51:21		VGA-DR-2018-0000173	Defect Report	DR - Emission Control Information Label	Volkswagen	Atlas 4Motion	
5191	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	BEETLE CONVERTIBLE	

	M	N	O	P
5170		JCRXY02.45PA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5171		JCRXT03.45PA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5172		JNSXV02.0NJA	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5173		HNSXV02.0NJA	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5174		AMBXT03.0HD2	2010	Electrical Wiring, Sensor, and Actuator Systems
5175		BNBXT03.0HD1	2011	Electrical Wiring, Sensor, and Actuator Systems
5176		JVXXJ02.0A70	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5177		HVVXT02.0P3T	2017	Hybrid Vehicle System
5178		JMBXT02.0U2A	2018	On-Board Diagnostic (OBD) System
5179		GMBXT02.0U2A	2016	On-Board Diagnostic (OBD) System
5180		EBMXV03.0N57	2014	Exhaust System (Other than EGR and Catalyst Systems)
5181		HVVXT02.0P3T	2017	Drivetrain/Transmission System
5182		JGMXT05.3384	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5183		JGMXT05.3384	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5184		HMBXV03.0U2A	2017	On-Board Diagnostic (OBD) System
5185		FMBXT03.0U2B	2013	On-Board Diagnostic (OBD) System
5186		HMBX03.0U2A	2017	On-Board Diagnostic (OBD) System
5187		FMBXJ02.0U2A	2015	On-Board Diagnostic (OBD) System
5188		FMBXT03.0U2A	2015	Electrical Wiring, Sensor, and Actuator Systems
5189		JVGAV02.0APA	2018	Emission Control Information Label
5190		JVGAT03.6VAS	2018	Emission Control Information Label
5191		DVWXV02.03PA	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
5170	Some 2018 MY Jeep Cherokee vehicles may have fuel tubes that were torn or have partial material loss along the tube which can result in a fuel leak and subsequent engine compartment fire. This was caused by the urethane nesting blocks, which are used to align the tube and connector during the connector insertion process. Some nesting blocks were worn resulting in a potential mi			30213	30213
5171	Some 2018 MY Jeep Cherokee vehicles may have fuel tubes that were torn or have partial material loss along the tube which can result in a fuel leak and subsequent engine compartment fire. This was caused by the urethane nesting blocks, which are used to align the tube and connector during the connector insertion process. Some nesting blocks were worn resulting in a potential mi			30213	30213
5172	On some 2016-2018 Infiniti Q50 and Q60 vehicles (2.0L engine), a small amount of fuel may seep from the low-pressure fuel hose. Repeated heat stress may be causing deterioration of the hose which may also result in a loss of flexibility. This loss of flexibility may result in slight fuel seepage only upon cold startup.	5/16/2017	9/25/2017	844	0
5173	On some 2016-2018 Infiniti Q50 and Q60 vehicles (2.0L engine), a small amount of fuel may seep from the low-pressure fuel hose. Repeated heat stress may be causing deterioration of the hose which may also result in a loss of flexibility. This loss of flexibility may result in slight fuel seepage only upon cold startup.	5/16/2016	7/31/2017	7917	1
5174	DAG has determined that insufficient robustness with regard to vibration and thermal shock could lead to electrical failures of the exhaust gas temperature sensor. As a result the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated. The failure of the sensor is due to several causes. Therefore, there is no specific systematic error.			3299	100
5175	DAG has determined that insufficient robustness with regard to vibration and thermal shock could lead to electrical failures of the exhaust gas temperature sensor. As a result the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated. The failure of the sensor is due to several causes. Therefore, there is no specific systematic error.			12974	815
5176	Cap less unit lower flap open/close function not robust enough. Therefore may intermittently not seal properly after refuelling.			1904	1904
5177	Electric Rear Axle Drive (ERAD) consists of an electric motor combined with a fixed gear transmission and clutch. The electric motor is a water-cooled 3-phase AC synchronous motor for pure electric or hybrid operation, which drives the rear wheels.				
5178	In addition, the ERAD provides regenerative braking capability that is used to charge the high-voltage battery. A clutch is used to disconnect the electric motor from the transmission, consisting of a worm gear connected to a dog clutch.				
5179	The defect is confined to the dog clutch that may not allow proper engagement of the electric motor to the transmission.				
5177		4/18/2016	4/24/2017	2679	2679
5178	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			6945	0
5179	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			8916	123
5180	The part number 13627793825 relates to the component rear oxygen sensor (downstream catalyst). In about 52% of all cases the component rear oxygen sensor has been replaced due to implausible measurement data of oxygen concentration. Those implausibilities lead to a fault code storage and MIL illumination. The remain	6/30/2013	6/29/2014	5161	671
5181	Electric Rear Axle Drive (ERAD): The ERAD consists of an electric motor combined with a fixed gear transmission and clutch. The electric motor is a water-cooled 3-phase AC synchronous motor for pure electric or hybrid operation which drives the rear wheels. In addition the ERAD provides regenerative braking capability which is used to charge the high-voltage battery. A clutch is used to disconnect the electric motor from the transmission, consisting of a worm gear connected to a dog clutch.				
5182	The defect is confined to the dog clutch hardware which may not allow proper engagement of the electric motor to the transmission.	4/18/2016	4/24/2017	2526	30
5183	One manufacturing lot of capacitors used in the shift solenoid control circuits of the Transmission Control Module (TCM) was not properly processed during manufacturing. Certain capacitors may be susceptible to a degradation early in the vehicle life that can cause variation in shift solenoid pressure.			132478	24
5184	One manufacturing lot of capacitors used in the shift solenoid control circuits of the Transmission Control Module (TCM) was not properly processed during manufacturing. Certain capacitors may be susceptible to a degradation early in the vehicle life that can cause variation in shift solenoid pressure.			132478	24
5185	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			1801	0
5186	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			29	9
5187	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			7470	1
5188	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for longer than 6-8 hours, the temperature difference between t			50973	362
5188	Daimler AG has determined that the soot particulate sensor could fail due to the following root causes: Root Cause A: Particles on the sensor element resulting from the manufacturing process. Root Cause B: Flaking of the electrode due to insufficient evaporation of humidity inside the sensor element. Both root causes lead to an electrical failure of the soot particulate sensor. In case of failure the Malfunction Indicator Lamp (MIL) is illuminated.			4423	254
5189	Component: Vehicle Emission Certification Information Labels (VEC) Atlas - Emission Control Labels included a "Zero EVAP" statement which is not relevant for 2018, LEVII. Production Part Number: 03H 010 005 L Replacement Part Number: 03H 010 005 P Golf - Emission Control Label were printed with the incorrect EVAP Group Production Part Number: 06K 010 005 AK Replacement Part Number: 06K 010 005 BE			13656	13656
5190	Component: Vehicle Emission Certification Information Labels (VEC) Atlas - Emission Control Labels included a "Zero EVAP" statement which is not relevant for 2018, LEVII. Production Part Number: 03H 010 005 L Replacement Part Number: 03H 010 005 P Golf - Emission Control Label were printed with the incorrect EVAP Group Production Part Number: 06K 010 005 AK Replacement Part Number: 06K 010 005 BE			49137	49137
5191	Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPFA) 06K906070TV9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA) The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_DV2.085F_13_18 FF_DV2.03PA_14_18 -Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after the start up overshoot, a small rpm diver may occur which can be noticed by customers. Solution: Previous analysis showed that there is a difference in take-off behavior between a break-through start and a normal start. Differences in the timing of the reset function during ignition-ON resulted in incorrect values of the initialization variables, which are issues in the initial function for crankcase-ventilation function			32747	32747

	A	B	C	D	E	F	G	H	I	J	K	L
5192	Volkswagen	VWX	New Submission	Submitted	6/14/2018 14:45:49		VWX-DR-2018-0000199	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	BETTER CONVERTIBLE	
5193	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/15/2018 15:38:42		HNX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
5194	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/15/2018 15:38:42		HNX-DR-2018-0000202	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	ACCORD	
5195	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
5196	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
5197	Jaguar Land Rover Limited	JLX	New Submission	Submitted	6/18/2018 9:13:24		JLX-DR-2018-0000210	Defect Report	DR - Catalyst System			
5198	Jaguar Cars Limited	JCX	New Submission	Submitted	6/14/2018 13:34:25		JCX-DR-2018-0000197	Defect Report	DR - Catalyst System			
5199	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i Gran Turismo	
5200	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Convertible	
5201	BMW	BMX	New Submission	Submitted	5/29/2018 3:52:25		BMX-DR-2018-0000161	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive50i	
5202	FCA US LLC	CRX	New Submission	Submitted	6/13/2018 12:21:39		CRX-DR-2018-0000192	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	FIAT	500X	2.4L
5203	General Motors LLC	GMX	New Submission	Submitted	6/4/2018 16:43:05		GMX-DR-2018-0000174	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	GMC	CANYON 2WD	
5204	General Motors LLC	GMX	New Submission	Submitted	6/4/2018 16:43:05		GMX-DR-2018-0000174	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Chevrolet	COLORADO 2WD	
5207	Porsche AG	PRX	New Submission	Submitted	6/26/2018 13:33:48		PRX-DR-2018-0000246	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Porsche	911 Carrera	3.4L

	M	N	O	P
5192		EVWXV02.0B5F	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5193		DHNXV02.4FB3	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5194		FHNXV02.44K3	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5195		EJLXT03.0002	2014	Catalyst System
5196		EJLXV03.0P5F	2014	Catalyst System
5197		EJLXV05.0FAF	2014	Catalyst System
5198		DJCKV02.0FTN	2013	Catalyst System
5199		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5200		EBMXV04.4N63	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5201		EBMXT04.4F15	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5202		JCRXT02.45P1	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5203		JGMXT02.5200	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5204		JGMXT02.5200	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5205		JGMXT02.5201	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5206		FBMXV02.0N47	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5207	Automatic and Manual.	EPRXV03.8C91	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
5208	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 AWD	
5209	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
5210	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
5211	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
5212	Volvo Car USA, LLC	VXX	New Submission	Superseded	6/20/2018 10:45:04	4/26/2019 14:55:09	VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 AWD	
5213	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i Coupe	

	M	N	O	P
5208		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5209		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5210		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5211		GVVXX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5212		GVVXX02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5213		DBMXV04.4N63	2013	Crankcase Ventilation System

	Q	R	S	T	U
5208	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33971	33971
5209	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25226	25226
5210	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			8211	8211
5211	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
5212	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15300	15300
5213	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	6/30/2012	6/29/2013	39763	2400

	A	B	C	D	E	F	G	H	I	J	K	L
5214	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B6 xDrive Gran Coupe	
5215	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Coupe	
5216	BMW	BMX	New Submission	Submitted	7/9/2018 4:31:32		BMX-DR-2018-0000280	Defect Report	DR - Crankcase Ventilation System	BMW	750i	
5217	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	530e	
5218	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	530i	
5219	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER COUNTRYMAN ALL4	

	M	N	O	P
5214		FBMXV04.4N63	2015	Crankcase Ventilation System
5215		FBMXV04.4N63	2015	Crankcase Ventilation System
5216		EBMXV04.4N63	2014	Crankcase Ventilation System
5217		JBMXV02.0H30	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5218		JBMXJ02.0B4X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5219		KBMXV01.5M3X	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
5214	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2014	4/29/2014	1150	100
5215	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2014	4/29/2014	1150	100
5216	<p>The part numbers 11157601453, 11158635843 and 11158647299 relate to the vent hose connecting line. Part number 11157601453 with index 03 has been used in production between 07/12 and 09/13. Between 10/2013 and 04/14 a modified component with same part number but different index (index 04) has substituted component with index 03 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent hose connecting line. Between 05/14 and 06/15 an additional hardware improvement on the pipe connector has been introduced in production and as replacement part (part number 11158635843). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647299 is used since 07/15 in production and as a replacement part for previous model years.</p> <p>Analysis have shown that in about 90% the original assembled part with part number 11157601453 has been replaced because of leakage problems caused by fragile parts of the vent hose connecting line. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158635843, these problems could be reduced to 60% valid replacements.</p> <p>A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647299.</p> <p>The component vent hose connecting line with part number 11158647299 therefore is robust, has/had no malfunction and is/was working properly.</p> <p>Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent hose connecting line with part numbers 11157601453 and 11158635843.</p>	2/28/2013	4/29/2014	15633	1200
5217	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/16/2018	6/5/2018	913	913
5218	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/6/2018	1175	1175
5219	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2018.</p> <p>Defect description: Software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/21/2018	6/11/2018	280	280

	A	B	C	D	E	F	G	H	I	J	K	L
5220	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S CLUBMAN ALL4	
5221	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S CLUBMAN	
5222	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S COUNTRYMAN ALL4	
5223	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S HARDTOP 4 DOOR	
5224	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	330e	
5225	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i Convertible	
5226	BMW	BMX	New Submission	Superseded	7/2/2018 7:52:52	9/10/2018 11:06:59	BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	440i xDrive Gran Coupe	

	M	N	O	P
5220		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5221		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5222		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5223		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5224		JBMXV02.0H48	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5225		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5226		KBMXV03.0B58	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
5227	BMW	BMX	New Submission	Submitted	7/2/2018 9:25:25		BMX-DR-2018-0000260	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
5228	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/2/2018 13:44:28		JLX-DR-2018-0000262	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5229	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/2/2018 13:44:28		JLX-DR-2018-0000262	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5230	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	750Li xDrive	
5231	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i Gran Coupe	
5232	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	Alpina B7 LWB xDrive	
5233	BMW	BMX	New Submission	Submitted	7/4/2018 10:19:38		BMX-DR-2018-0000271	Defect Report	DR - Crankcase Ventilation System	BMW	650i xDrive Gran Coupe	
5234	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5235	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5236	Mercedes Benz	MBX	New Submission	Submitted	7/4/2018 11:06:14		MBX-DR-2018-0000272	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
5227		FBMXV03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5228		EJLXV02.0FTN	2014	Air Inlet System (Including Turbo and Superchargers)
5229		FJLXV02.0FTN	2015	Air Inlet System (Including Turbo and Superchargers)
5230		DBMXV04.4N63	2013	Crankcase Ventilation System
5231		FBMXV04.4N63	2015	Crankcase Ventilation System
5232		EBMXV04.4N63	2014	Crankcase Ventilation System
5233		EBMXV04.4N63	2014	Crankcase Ventilation System
5234		BMBXT03.0U2A	2011	Electrical Wiring, Sensor, and Actuator Systems
5235		AMBXT03.0U2A	2010	Electrical Wiring, Sensor, and Actuator Systems
5236		BMBXV03.0U2B	2011	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>The part number 13518573162 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY15 Diesel models with 6 cylinder engine N57 (Test Groups FBMKV03.0N57 and FBMKTD3.0N57). Beginning with 12/2016 a more robust hardware with part number 13518597821 was introduced in production and as replacement part in service.</p> <p>The part number 13518571796 relates to the gasoline lubricated component high pressure pump (Diesel) as built in production for MY15 Diesel models with 4 cylinder engine N47 (Test Groups FBMKV02.0N47 and FBMKTD2.0N47). Beginning with 12/2016 a more robust hardware with part number 13518597819 was introduced in production and as replacement part in service.</p> <p>Analysis (applying to the original built part numbers 13518573162 and 13518571796 for component high pressure fuel pump Diesel) have shown that regional varying gasoline quality have a great impact on the mechanical deterioration of the component high pressure pump. In worst cases a lower quality could lead to a break down respectively to mechanical cuttings of the high pressure pump track roller. Those metal warfs could float through the entire fuel system (e.g. high pressure/low pressure system and tank) and accumulate anywhere. Such a contaminated system could not provide the necessary rail pressure at engine start (causing a non-start) respectively could lead to a limp home mode including a performance reduction. OBD system will identify those malfunctions and trigger a fault code storage with MIL illumination. The replacement of the high pressure fuel pump has been in all cases the right measure to repair the malfunction.</p>	2/28/2014	6/29/2015	1505	160
5227					
	<p>A customer may report the malfunction indicator lamp (MIL) is illuminated, lack of power and sometimes noise coming from the engine bay. The stored diagnostic trouble code (DTC) points to "turbocharger under-boost" which results from a failure of the Turbo-Exhaust Manifold. Jaguar Land Rover introduced a brazed scroll manifold which at high time in service is starting to disintegrate. The root cause being a combination of thermal fatigue and vibrations which will make the joints loose.</p>			1101	473
5228					
	<p>A customer may report the malfunction indicator lamp (MIL) is illuminated, lack of power and sometimes noise coming from the engine bay. The stored diagnostic trouble code (DTC) points to "turbocharger under-boost" which results from a failure of the Turbo-Exhaust Manifold. Jaguar Land Rover introduced a brazed scroll manifold which at high time in service is starting to disintegrate. The root cause being a combination of thermal fatigue and vibrations which will make the joints loose.</p>			2426	849
5229					
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	6/30/2012	5/31/2013	39763	2400
5230					
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2014	4/29/2014	1150	100
5231					
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
5232					
	<p>The part numbers 11157640285, 11158637873 and 11158647961 relate to the vent pipe PCV. Part number 11157640285 with index 01 has been used in production between 07/12 and 01/14. Between 02/2014 and 04/14 a modified component with same part number but different index (index 03) has substituted component with index 01 as production and as replacement part. This new part exhibits a notched ring, which should stabilize some due to temperature impact fragile areas of the vent pipe. Between 05/14 and 06/15 an additional hardware improvement in the welding geometry of the vent pipe has been introduced in production and as replacement part (part number 11158637873). Beginning with 07/15 an adjustment of used material has made the notched ring unnecessary. This new component with part number 11158647961 is used since 07/15 in production and as current replacement part for vehicles produced before. Analysis have shown that in about 90% the original assembled part with part number 11157640285 has been replaced because of leakage problems caused by fragile parts of the vent pipe. These problems result in a reduction of boost pressure leading to a performance loss, which will be recognized by the OBD system enabling MIL. Since the usage of part number 11158637873 in 05/14, these problems could be reduced to 60% valid replacements. A complete elimination of the hardware issue could be fulfilled with introduction of the new material used with part number 11158647961 beginning with 07/15. The component vent pipe PCV with part number 11158647961 therefore is robust, has/ had no malfunction and is/was working properly. Considering the afore mentioned explanations the Weibull results and valid fail values listed in this report relate to the less-robust component vent pipe PCV with part numbers 11157640285 and 11158637873.</p>	2/28/2013	4/29/2014	15633	1200
5233					
	<p>DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.</p>			3437	634
5234					
	<p>DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.</p>			2368	178
5235					
	<p>DAG has determined that insufficient robustness with regard to environmental impacts, such as increased moisture, could lead to electrical failures of the differential pressure sensor. As a result, the fault is stored in the engine control unit and the engine diagnostics warning lamp (MIL) is activated.</p>			2979	55

	A	B	C	D	E	F	G	H	I	J	K	L
5237	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	ALFA ROMEO	Stelvio	
5238	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	
5239	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x2	
5240	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Renegade 4x4	
5241	FCA US LLC	CRX	New Submission	Submitted	7/26/2018 14:21:16		CRX-DR-2018-0000326	Defect Report	DR - On-Board Diagnostic (OBD) System	FIAT	500X	
5242	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Buick	LACROSSE	
5243	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	GMC	CANYON 2WD	
5244	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	COLORADO 4WD	
5245	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 11:39:59		GMX-DR-2018-0000322	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Chevrolet	MALIBU	
5246	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5

	M	N	O	P
5237		JCRXJ02.05P0	2018	On-Board Diagnostic (OBD) System
5238		GCRXJ01.45P0	2016	On-Board Diagnostic (OBD) System
5239		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
5240		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
5241		HCRXJ01.45P0	2017	On-Board Diagnostic (OBD) System
5242		JGMXV02.5050	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5243		JGMXT02.5200	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5244		JGMXT02.5200	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5245		JGMXV02.0031	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5246		GNXKV02.5G5A	2016	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			19486	19486
5237	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			143	143
5238	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061
5239	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061
5240	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061
5241	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF?), FIAT 500X (7FB?), FIAT LD (7BG?), FIAT 500L (7BF?) and 2018 2.0L Alpha Giulia (7GA?), Alpha Stelvio (7GU?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD?) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues. In particular, analysis revealed that the P1D7F Diagnostic Trouble Code (7DTC?) would suspend the catalyst monitor, upstream O2 monitor, and upstream closed loop control.</p>			1061	1061
5242	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			8	8
5243	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			22	22
5244	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			22	22
5245	The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.			29	29
5246	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (>100 deg. F). The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.</p>			8550	0

	A	B	C	D	E	F	G	H	I	J	K	L
5247	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	7/13/2018 17:29:49		NSX-DR-2018-0000282	Defect Report	DR - On-Board Diagnostic (OBD) System	NISSAN	ALTIMA	2.5
5248	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/3/2018 13:55:39		VGA-DR-2018-0000377	Defect Report	DR - Crankcase Ventilation System	Audi	S8	
5249	General Motors LLC	GMX	New Submission	Submitted	8/8/2018 18:43:34		GMX-DR-2018-0000364	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5250	General Motors LLC	GMX	New Submission	Submitted	8/8/2018 18:43:34		GMX-DR-2018-0000364	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5251	General Motors LLC	GMX	New Submission	Submitted	8/8/2018 18:43:34		GMX-DR-2018-0000364	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5252	Mercedes Benz	MBX	New Submission	Submitted	8/10/2018 3:38:38		MBX-DR-2018-0000396	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5253	BMW	BMX	New Submission	Submitted	8/8/2018 3:29:25		BMX-DR-2018-0000389	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	BMW	650i Coupe	
5254	BMW	BMX	New Submission	Submitted	8/8/2018 3:44:35		BMX-DR-2018-0000388	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
5255	BMW	BMX	New Submission	Submitted	8/8/2018 3:59:03		BMX-DR-2018-0000382	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
5256	Mercedes Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			

	M	N	O	P
5247		HNSXV02.5R5A	2017	On-Board Diagnostic (OBD) System
5248		FVGAV04.0N1UA	2015	Crankcase Ventilation System
5249		HGMXT05.3384	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5250		HGMXT04.3187	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5251		GGMXT04.3187	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5252		CMBXT03.0HD2	2012	Electrical Wiring, Sensor, and Actuator Systems
5253		EBMXV04.4N63	2014	Exhaust System (Other than EGR and Catalyst Systems)
5254		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5255		FBMXT03.0N57	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5256		BMBXT03.0HD2	2011	Exhaust System (Other than EGR and Catalyst Systems)

	Q	R	S	T	U
	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in regions with high ambient temperatures (+100 deg. F). The vehicles are able to be restarted.</p>				
5247	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in extreme hot weather conditions. When this occurs, excess gas enters the engine causing the engine to run rich and hesitate/stop.			8768	0
	<p>Customer Complaint: MIL on, and whistling sound from engine compartment. Component: PCV Valve/Oil Separator Production Part Number: 079103542B Warranty Replacement Part Number: 079103542E DTC present: - P2297 (Intake Air System Leak - adaption value monitoring) - P0507 (Idle Control System - RPM Higher than expected)</p> <p>Analysis reflects part number 079103542B</p>			4827	262
5248	Analysed components showed a cracked membrane and/or broken check valve within the module of crankcase ventilation system.			7892	31
5249	On the affected vehicles, in-tank fuel pump module electrical connector contacts were manufactured to larger than intended dimensional tolerance. In certain cases a smaller mail pin can result in an intermittent electrical connection between in the in-tank fuel pump module and the wiring harness.			7945	50
5250	On the affected vehicles, in-tank fuel pump module electrical connector contacts were manufactured to larger than intended dimensional tolerance. In certain cases a smaller mail pin can result in an intermittent electrical connection between in the in-tank fuel pump module and the wiring harness.			32042	34
5251	On the affected vehicles, in-tank fuel pump module electrical connector contacts were manufactured to larger than intended dimensional tolerance. In certain cases a smaller mail pin can result in an intermittent electrical connection between in the in-tank fuel pump module and the wiring harness.			6327	496
	<p>The affected part number 11787614322 relates to the Heated Rear Oxygen Sensor.</p> <p>Analyses have shown, that the component rear oxygen sensor was replaced in 100% of all cases due to different valid malfunctions:</p> <p>a) Contamination of the oxygen sensor (Boron is dispersed from the boron nitride disk) b) Break of the ceramic caused by vibrations due to material degradation in the heater element causes by phase shifting from tetragonal to a monocline phase in the area of the through-connection holes of the ceramics c) Signal adulteration caused by humidity entrance via plug of the oxygen sensor</p> <p>All of this malfunctions lead to an OBD fault code storage (e.g. P0141 and P0161) including MIL illumination.</p>	2/28/2013	5/31/2014	15275	1833
5253					
	<p>The affected part number 16127224618 relates to the FUEL RETURN LINE.</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMTX03 0N57, BMW decided a warranty extension to full usefull life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL RETURN LINE is/was working properly and has/had no malfunction.</p>	7/31/2014	6/30/2015	7396	868
5254					
	<p>The affected part number 16127203636 relates to the FUEL FEED LINE.</p> <p>Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2015 Test Group FBMTX03 0N57, BMW decided a warranty extension to full usefull life (10 years / 120.000mils). Please see corresponding EDIR-OF-N57/N47-0267.</p> <p>In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FUEL FEED LINE is/was working properly and has/had no malfunction.</p>	7/31/2014	6/30/2015	7396	868
5255					
	<p>DAG has determined that the diesel particulate filter may crack due to an insufficiently robust welded connection. Specific environmental influences in the form of corrosion could also have a negative effect on the long term durability of the diesel particulate filter. This can lead to tensions within the exhaust system and thus also may cause the diesel particulate filter to crack.</p> <p>In addition, in individual cases, it may be that during repairs to the exhaust system that are unrelated to a defect of the diesel particulate filter, the exhaust system was not replaced in accordance with the DAG specifications. Specifically, the issue might arise where it is necessary for the workshop to replace the exhaust system (including the diesel particulate filter) and the replacement system is not fitted according to DAG specifications. This can lead to tensions within the exhaust system and thus may also cause the diesel particulate filter to crack.</p> <p>In both cases, a fault is stored in the engine control unit software and the engine diagnostics warning lamp (MIL) is activated.</p>			4683	179
5256					

	A	B	C	D	E	F	G	H	I	J	K	L
5257	Mercedes Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
5258	Mercedes Benz	MBX	New Submission	Submitted	8/27/2018 8:18:54		MBX-DR-2018-0000507	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
5259	Porsche AG	PRX	Correction	Submitted	8/16/2018 8:59:10		PRX-DR-2018-0000315	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Porsche	Panamera 4 Executive	3.0L
5260	Jaguar Land Rover Limited	JLX	New Submission	Superseded	8/17/2018 13:47:29	10/23/2018 13:52:57	JLX-DR-2018-0000420	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5261	FCA US LLC	CRX	New Submission	Submitted	8/31/2018 9:16:37		CRX-DR-2018-0000525	Defect Report	DR - Catalyst System			
5262	Porsche AG	PRX	New Submission	Submitted	8/31/2018 9:22:28		PRX-DR-2018-0000524	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	Cayenne S	4.8L
5263	BMW	BMX	Correction	Submitted	9/10/2018 10:44:35		BMX-DR-2018-0000533	Defect Report	DR - Emission Control Information Label	BMW	M4 CS	
5264	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	X1 xDrive28i	

	M	N	O	P
5257		CMBXT03.0HD2	2012	Exhaust System (Other than EGR and Catalyst Systems)
5258		BMBXT03.0HD1	2011	Exhaust System (Other than EGR and Catalyst Systems)
5259 Automatic.		HPBXV03.0PV6	2017	Electrical Wiring, Sensor, and Actuator Systems
5260		GJLXT02.0FTP	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5261		JCRXT03.65P3	2018	Catalyst System
5262 Automatic		EPRXT04.8C2D	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5263		KBMXV03.0555	2019	Emission Control Information Label
5264		JBMXV02.0846	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
	<p>DAG has determined that the diesel particulate filter may crack due to an insufficiently robust welded connection. Specific environmental influences in the form of corrosion could also have a negative effect on the long term durability of the diesel particulate filter. This can lead to tensions within the exhaust system and thus also may cause the diesel particulate filter to crack.</p> <p>In addition, in individual cases, it may be that during repairs to the exhaust system that are unrelated to a defect of the diesel particulate filter, the exhaust system was not replaced in accordance with the DAG specifications. Specifically, the issue might arise where it is necessary for the workshop to replace the exhaust system (including the diesel particulate filter) and the replacement system is not fitted according to DAG specifications. This can lead to tensions within the exhaust system and thus may also cause the diesel particulate filter to crack.</p> <p>In both cases, a fault is stored in the engine control unit software and the engine diagnostics warning lamp (MIL) is activated.</p>				
5257				5659	397
	<p>DAG has determined that the diesel particulate filter may crack due to an insufficiently robust welded connection. Specific environmental influences in the form of corrosion could also have a negative effect on the long term durability of the diesel particulate filter. This can lead to tensions within the exhaust system and thus also may cause the diesel particulate filter to crack.</p> <p>In addition, in individual cases, it may be that during repairs to the exhaust system that are unrelated to a defect of the diesel particulate filter, the exhaust system was not replaced in accordance with the DAG specifications. Specifically, the issue might arise where it is necessary for the workshop to replace the exhaust system (including the diesel particulate filter) and the replacement system is not fitted according to DAG specifications. This can lead to tensions within the exhaust system and thus may also cause the diesel particulate filter to crack.</p> <p>In both cases, a fault is stored in the engine control unit software and the engine diagnostics warning lamp (MIL) is activated.</p>			12688	1888
5258	<p>Post catalyst oxygen sensors (part numbers 9A790626550 and 9A790626551) are being replaced in the field for MIL illumination. Fault codes most frequently stored are P227000 and/or P227200-“Oxygen Sensor bank 1 and/or 2 Signal Stuck Lean”</p> <p>Analysis shows that the reference air canal of the sensor was contaminated with Silicone (SiO2) that originated from the cable protection sheath. The sheath was changed to an alternative material.</p> <p>Analysis also showed that the temperature of the sensor was too low during diagnosis, so the heating model of the engine ECU software for the 3.0L version was changed.</p> <p>A customer may report the malfunction indicator lamp (MIL) is illuminated. The stored diagnostic trouble code (DTC) points to “Low pressure fuel system ?pressure too high” which results from a failure of the low pressure fuel sensor. Root cause points to a failure of the internal sensor circuit board as a result of small amounts of fuel ingress through the internal “O” ring seal under condit</p>	10/10/2016	6/13/2017	3107	261
5259				28230	7578
5260					
	<p>Some 2017 and 2018 Chrysler Pacifica (7RU??) PHEV vehicles can set P0420 and P0430 Catalyst Monitor DTCs due to catalyst damage caused by the engine running with incorrect synchronization. While operating the engine in hybrid mode, unburned fuel can exit the cylinders, flow downstream and combust within the catalyst.</p>				
5261	<p>During some auto restart events, the engine can synchronize 360 degrees out-of-phase. The detection of this mis-synchronization was inadvertently compromised with the software that was introduced in Voluntary Safety Recall U73.</p>			7414	7414
	<p>? Tank Vent Purge Valves (part#s 94811002063, 94811002012, & 94811002013) are being replaced in the field for illuminating the MIL, prompting immediate customer action.</p> <p>? Desired pressure drop in the evaporative emissions system is not reached in the specified time limit when the purge valve is commanded closed setting DTC P0456.</p> <p>? Analyses revealed a damaged membrane of the purge valve due to fuel contamination. This leads to an incomplete closing of the valve.</p> <p>? An improved Tank Vent Purge Valve from a different manufacturer can be used</p>			4166	237
5262		6/30/2018	2/27/2019	81	81
5263					
	<p>Due to BMW internal testing (data analysis), BMW has detected an issue with component crankshaft sensor as built in different models with 3-cylinder engines B36/B38, 4-cylinder engines B46/B48 and 6-cylinder engine B58 produced between 05/16/2018 and 06/13/2019.</p> <p>Defect description:</p> <p>A software bug in the chip of the crankshaft sensor could freeze the adaptation value between the crankshaft reluctor wheel and the sensor. The signal values of the reluctor wheel would be lost, which will lead to an OBD related failure storage, reduced power and MIL illumination.</p>	5/15/2018	6/6/2018	2424	2424
5264					

	A	B	C	D	E	F	G	H	I	J	K	L
5265	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER CLUBMAN	
5266	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	530e	
5267	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	COOPER S CONVERTIBLE	
5268	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Mini	JOHN COOPER WORKS HARDTOP	
5269	BMW	BMX	Correction	Submitted	9/10/2018 11:06:59		BMX-DR-2018-0000259	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	S40i xDrive	
5270	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	9/14/2018 14:03:13		HMX-DR-2018-0000580	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Acura	NSX	
5271	Toyota Motor Corporation	TYX	New Submission	Submitted	8/28/2018 15:53:08		TYX-DR-2018-0000512	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	TOYOTA	TUNDRA 2WD FFV	
5272	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S30i xDrive	

	M	N	O	P
5265		KBMXV01.5M36	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5266		JBMXV02.0H30	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5267		KBMXV02.0B46	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5268		KBMXV02.0M48	2019	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5269		JBMXJ03.0B5X	2018	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5270		HHNXV03.5KH4	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5271		JTYXT05.7MS8	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5272		JBMXJ02.0B4X	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
5273	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	Alpina B7 xDrive	
5274	BMW	BMX	New Submission	Submitted	9/4/2018 10:59:15		BMX-DR-2018-0000530	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	740i xDrive	
5275	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/29/2018 9:50:19		JLX-DR-2018-0000513	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5276	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 5dr	1.5L
5277	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	9/14/2018 19:43:11	9/25/2018 15:14:00	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
5278	Mercedes Benz	MBX	New Submission	Submitted	9/20/2018 4:01:14		MBX-DR-2018-0000594	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
5279	FCAUS LLC	CRX	New Submission	Submitted	9/20/2018 16:01:48		CRX-DR-2018-0000592	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5280	FCAUS LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler Unlimited 4x4	
5281	FCAUS LLC	CRX	New Submission	Submitted	9/26/2018 12:05:21		CRX-DR-2018-0000603	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler 4x4	
5282	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V FWD	
5283	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
5284	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	1.5L
5285	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 2Dr	
5286	American Honda Motor Co., Inc.	HNX	Correction	Superseded	9/25/2018 15:14:00	2/5/2019 20:01:55	HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	
5287	FCAUS LLC	CRX	New Submission	Submitted	10/15/2018 10:34:51		CRX-DR-2018-0000632	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5288	BMW	BMX	New Submission	Superseded	10/8/2018 3:57:22	1/29/2019 9:35:27	BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Mini	Mini Cooper Clubman	
5289	BMW	BMX	New Submission	Superseded	10/8/2018 3:57:22	1/29/2019 9:35:27	BMX-DR-2018-0000616	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	BMW	X1 xDrive28i	
5290	BMW	BMX	New Submission	Submitted	10/9/2018 2:45:01		BMX-DR-2018-0000619	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Coupe	
5291	FCAUS LLC	CRX	New Submission	Submitted	11/1/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	

	M	N	O	P
5273		JBMX04.4N63	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5274		HBMXV03.0B58	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5275		EJLXT02.0001	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5276		HHNXV01.5S62	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5277		JHNXT01.51R3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5278		HMBXT02.0U2A	2017	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5279		FCRXT03.0SPV	2013	Air Inlet System (including Turbo and Superchargers)
5280		JCRXT02.0SP1	2018	On-Board Diagnostic (OBD) System
5281		JCRXT02.0SP1	2018	On-Board Diagnostic (OBD) System
5282		HHNXT01.54R3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5283		HHNXV01.5XK2	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5284 CVT		GHNXV01.56K2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5285 CVT		GHNXV01.53H2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5286		JHNXV01.5362	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5287		HCRXJ02.0SP0	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5288		GBMXV01.5M36	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5289		GBMXV02.0B46	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5290		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5291		GCRXT03.0SPV	2016	Exhaust Gas Recirculation (EGR) System

	A	B	C	D	E	F	G	H	I	J	K	L
5292	FCA US LLC	CRX	New Submission	Submitted	11/3/2018 13:37:45		CRX-DR-2018-0000680	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4x4	
5293	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	NSX	
5294	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/8/2018 13:01:23		HNX-DR-2018-0000694	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	2.0L
5295	Audi	ADX	New Submission	Submitted	10/24/2018 13:06:30		ADX-DR-2018-0000659	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	R57	
5296	Jaguar Land Rover Limited	JLX	Correction	Submitted	10/23/2018 13:52:57		JLX-DR-2018-0000420	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5297	Jaguar Land Rover Limited	JLX	Correction	Submitted	10/23/2018 13:52:57		JLX-DR-2018-0000420	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5298	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 13:24:52		VGA-DR-2018-0000660	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	S8	
5299	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
5300	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	10/30/2018 15:19:43	10/30/2018 15:24:51	VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
5301	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8L	
5302	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	10/30/2018 15:24:51		VGA-DR-2018-0000675	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A6 quattro	
5303	General Motors LLC	GMX	New Submission	Submitted	11/16/2018 13:37:36		GMX-DR-2018-0000708	Defect Report	DR - Heating, Ventilation, and Air Conditioning (HVAC) System			
5304	BMW	BMX	New Submission	Superseded	11/20/2018 10:10:32	12/10/2018 6:17:51	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	i8 Roadster	
5305	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d	
5306	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	535d xDrive	

	A	B	C	D	E	F	G	H	I	J	K	L
5307	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d	
5308	BMW	BMX	New Submission	Superseded	11/21/2018 4:42:25	11/21/2018 7:17:03	BMX-DR-2018-0000733	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328d xDrive Sports Wagon	
5309	BMW	BMX	Correction	Submitted	11/21/2018 7:13:49		BMX-DR-2018-0000732	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	BMW	330e	
5310	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive	
5311	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	XS xDrive35d	
5312	BMW	BMX	Correction	Superseded	11/21/2018 7:17:03	4/17/2019 7:33:07	BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	535d	
5313	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	750i xDrive	
5314	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i Gran Turismo	
5315	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	550i	
5316	BMW	BMX	New Submission	Submitted	11/13/2018 5:15:37		BMX-DR-2018-0000713	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Gran Coupe	
5317	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:32:53		MBX-DR-2018-0000719	Defect Report	DR - On-Board Diagnostic (OBD) System			
5318	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 12:52:11		MBX-DR-2018-0000714	Defect Report	DR - On-Board Diagnostic (OBD) System			
5319	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:22:14		MBX-DR-2018-0000721	Defect Report	DR - On-Board Diagnostic (OBD) System			
5320	Mercedes Benz	MBX	New Submission	Submitted	11/13/2018 13:25:33		MBX-DR-2018-0000720	Defect Report	DR - On-Board Diagnostic (OBD) System			
5321	Subaru Corporation	FXJ	New Submission	Submitted	11/15/2018 14:37:07		FXJ-DR-2018-0000678	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	Subaru	IMPREZA AWD	

	M	N	O	P
5307		EBMXV02.0N47	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5308		GBMXV02.0N47	2016	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5309		JBMXV02.0H48	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5310		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System
5311		EBMXT03.0N57	2014	Exhaust Gas Recirculation (EGR) System
5312		EBMXV03.0N57	2014	Exhaust Gas Recirculation (EGR) System
5313		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5314		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5315		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5316		DBMXV04.4N63	2013	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5317		JMBXV04.0U2A	2018	On-Board Diagnostic (OBD) System
5318		JMBX04.0U2A	2018	On-Board Diagnostic (OBD) System
5319		KMBXV06.0U2A	2019	On-Board Diagnostic (OBD) System
5320		JMBXV04.0U2A	2018	On-Board Diagnostic (OBD) System
5321		CFJXU02.5MK6	2012	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)

	Q	R	S	T	U
5307	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	10900	10900
5308	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
5309	<p>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW PHEV vehicles (330e, 530e sDrive, 530e xDrive and 740e xDrive) produced between 07/01/2016 by 08/31/2018. Failure description:</p> <p>In case a limp home mode (full throttle operation instead of variable valve lifting/timing) is active due to a fault in the VVT (valvetronic) system, a parallel existing software failure became also active with influence on the Cold Start Emission Reduction Strategy (CSERS) and thus causing an HC emission deterioration. In more detail, during the catalytic converter warmup phase after a cold start, the warming up rate of the catalytic converter while engine warmup is reduced so that the operating temperature of the catalytic converter is reached with a delay (1-2 minutes instead of 30-40 seconds).</p>	2/28/2017	10/29/2018	2873	2873
5310	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2015	6/29/2016	1792	1792
5311	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	11/30/2013	7/30/2014	4038	4038
5312	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2013	6/29/2014	5167	5167
5313	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17280	1037
5314	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17280	1037
5315	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17280	1037
5316	The affected part number 13537620946 relates to component FUEL HIGH PRESSURE SENSOR. The fuel high pressure sensor with this part number is used in all models included in model year 2013 test group DBMXV04.4N63 except the 5 Series models 550i and 550i xDrive where another hardware (different pressure sensor with di	6/30/2012	6/29/2013	17280	1037
5317	Daimler AG has determined that certain GT-AMG-Class (platform 190), E-Class (platform 213), S-Class (platform 217 and 222) and GLC-Class (platform 253) vehicles experience a software error. In the event of a stuck open back pressure valve of the tank ventilation, the engine would enter the limp home mode as intended due to the first fault code entry (approx. 30% of the engine power).			4508	10
5318	Daimler AG has determined that on certain S-Class (platforms 217 and 222) and E-Class (platform 213) vehicles the software might detect a misfire even when no misfire occurred. In this case the Malfunction Indicator Lamp (MIL) would erroneously illuminate, and report a misfire even though no misfire had occurred.			919	355
5319	Daimler AG has determined that certain E-Class (platform 213 and 238) and S-Class (platform 217 and 222) vehicles experience a software error. In case of a switch off of the onboard electrical system supply by the discharge protection system, OBD diagnosis information (e.g. fault codes) of the current driving cycle might not be stored. The customer will not receive an advance warning du			1	0
5320	Daimler AG has determined that certain S-Class (platform 217 and 222) vehicles experience a software error. In case of the described defect, a stored cold start diagnosis fault code could be healed erroneously.			2	2
5321	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.			4494	3

	A	B	C	D	E	F	G	H	I	J	K	L
5322	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5323	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5324	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5325	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5326	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5327	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			

	M	N	O	P
5322		FMBX03.552A	2015	On-Board Diagnostic (OBD) System
5323		FMBXV02.0U2D	2015	On-Board Diagnostic (OBD) System
5324		GMBXV02.0HY1	2016	On-Board Diagnostic (OBD) System
5325		FMBXT03.5U2A	2015	On-Board Diagnostic (OBD) System
5326		HMBXJ02.0U2B	2017	On-Board Diagnostic (OBD) System
5327		HMBXT05.5U2A	2017	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
5322	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			15877	0
5323	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			81668	0
5324	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			483	0
5325	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			44392	0
5326	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			19711	0
5327	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			10101	0

	A	B	C	D	E	F	G	H	I	J	K	L
5328	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5329	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5330	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5331	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5332	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5333	Mercedes Benz	MBX	New Submission	Submitted	11/14/2018 12:21:37		MBX-DR-2018-0000726	Defect Report	DR - On-Board Diagnostic (OBD) System			
5334	General Motors LLC	GMX	New Submission	Submitted	11/14/2018 12:22:30		GMX-DR-2018-0000705	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			

	M	N	O	P
5328		JMBXT05.SU2A	2018	On-Board Diagnostic (OBD) System
5329		GMBXV03.SU2A	2016	On-Board Diagnostic (OBD) System
5330		GMBXV03.0HY1	2016	On-Board Diagnostic (OBD) System
5331		EMBXV03.SU2A	2014	On-Board Diagnostic (OBD) System
5332		FMBXV03.SU2A	2015	On-Board Diagnostic (OBD) System
5333		CMBXT03.SU2A	2012	On-Board Diagnostic (OBD) System
5334		EGMXT05.33B1	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
5328	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			3804	0
5329	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			22263	0
5330	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			403	0
5331	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			8282	0
5332	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			9770	0
5333	<p>Daimler AG has determined that certain MY12-18 vehicles of diverse platforms could experience a software error. If a shortcut occurred within the injector while the engine was switched off, the failure code for this short cut would not be stored and the MIL would not be activated. However, in case of a confirmed shortcut, the MIL would be activated by a subsequent failure mechanism (misfire detection) and the workshop would replace the correct part. Based on a field claim analysis of potentially affected vehicles worldwide, the probability of occurrence of the described failure is lower than 0.00018 %.</p>			5609	0
5334	<p>Avapor lock condition in the fuel delivery system can occur after extended periods of engine idle when the ambient temperature is greater than 100 degF. Under these conditions the fuel flow rate from the in-tank mounted fuel pump may be sufficiently low that the liquid fuel can vaporize in the fuel delivery system and fuel pump resulting in pump cavitation or stalling.</p>			3059	17

	A	B	C	D	E	F	G	H	I	J	K	L
5335	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328i xDrive	
5336	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328i	
5337	BMW	BMX	New Submission	Submitted	12/5/2018 8:26:29		BMX-DR-2018-0000753	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)	BMW	328i	
5338	BMW	BMX	New Submission	Submitted	11/29/2018 10:21:50		BMX-DR-2018-0000738	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	XS xDrive 35d	
5339	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	Jeep	Wrangler Unlimited 4x4	
5340	FCA US LLC	CRX	New Submission	Submitted	12/17/2018 8:33:14		CRX-DR-2018-0000780	Defect Report	DR - On-Board Diagnostic (OBD) System	RAM	1500 4x4	
5341	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Coupe	
5342	Audi	ADX	New Submission	Submitted	12/17/2018 14:42:58		ADX-DR-2018-0000784	Defect Report	DR - On-Board Diagnostic (OBD) System	Lamborghini	Gallardo Spyder	
5343	General Motors LLC	GMX	New Submission	Submitted	12/19/2018 13:37:46		GMX-DR-2018-0000769	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)			
5344	BMW	BMX	New Submission	Superseded	12/5/2018 9:45:25	12/10/2018 6:36:31	BMX-DR-2018-0000757	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
5345	BMW	BMX	New Submission	Submitted	12/5/2018 10:05:10		BMX-DR-2018-0000758	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
5346	Volvo Car USA, LLC	VVX	New Submission	Submitted	12/6/2018 13:32:08		VVX-DR-2018-0000762	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			

	M	N	O	P
5335		ABMXV03.051R	2010	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5336		ABMXV03.051R	2010	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5337		9BMXV03.0N51	2009	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5338		HBMXT03.0N57	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5339		JCRXT02.05P1	2018	On-Board Diagnostic (OBD) System
5340		KCRXT03.65P7	2019	On-Board Diagnostic (OBD) System
5341		CADXV05.2LR8	2012	On-Board Diagnostic (OBD) System
5342		EADXV05.2LR8	2014	On-Board Diagnostic (OBD) System
5343		JGMXV01.6001	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5344		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5345		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5346		KVWXT02.0U70	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
5347	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/7/2018 13:27:52		VGA-DR-2018-0000765	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Bentley	Bentleyga	
5348	BMW	BMX	Correction	Superseded	12/10/2018 6:17:51	1/30/2019 3:47:43	BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 xDrive28i	
5349	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/18/2018 12:45:45		HNX-DR-2018-0000786	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX 2WD	
5350	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta	
5351	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	GOLF	
5352	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Jetta	
5353	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	JETTA SPORTWAGEN	

	M	N	O	P
5347		KVGAT04.0PAA	2019	Electrical Wiring, Sensor, and Actuator Systems
5348		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
5349 9AT		GHXV03.5RA3	2016	On-Board Diagnostic (OBD) System
5350		EWXV02.5A59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5351		EVWXV02.5M59	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5352		DVWXV02.5A59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5353		DVWXV02.5A59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<div>ComplaintMIL on DTCs PresentP04F0 7 EVAP System High Pressure Purge Line Performance P28C3 7 EVAP System High Load Purge Line 78/77 Performance ComponentElectrical wiring harness / incorrect wire position at the terminal Part Number - ProductionNA Part Number - ReplacementNA</div> <div>5347 AnalysisBentley was notified of a customer with an unexplained MIL event. Upon engineering investigation it was found to be caused by incorrect wiring of the high load EVAP purge pressure sensors.</div>			124	28
	<div>Based on manufacturer technical/data analysis, BMW detected a software failure implemented on all BMW/MINI vehicles with Bosch Engine Control Module MEVD17.2.3 produced between 03/01/2018 by 07/31/2018. Failure description: The locking of the ECM is implemented to avoid the manual deleting of permanent diagnostic trouble codes (DTC). If the locking is not active, (permanent) DTCs could be deleted manually with a diagnostic tool. In the affected ECMs/Vehicles the locking of ECM is not active.</div> <div>5348</div> <div>5349 The OBD system may falsely detect a malfunction of the P0716 "Input speed sensor performance check" in a certain condition.</div>	6/30/2017 9/23/2015	10/30/2018 7/12/2016	21020 17594	21020 73
	<div>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</div> <div>5350</div>			24825	359
	<div>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</div> <div>5351</div>			931	24
	<div>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</div> <div>5352</div>			144090	2973
	<div>ComplaintMIL on DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected P0441 - EVAP Incorrect Purge Flow P0457 - EVAP Leak Detected 7 fuel cap loose/off ComponentEVAP Purge Valve Part Number - Production06E906517A Part Number - Replacement 06E906517A Part Number - Analysis06E906517A AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time. Parts analysis results: 56x Leakage (32.2%) 55x Very small leakage (30.7%) 11x Incorrect purge flow (6.1%) 6x Torn Seal (3.4%) 1x Contaminated by fuel (0.6%) 27x No trouble found</div> <div>5353</div>			144090	2973

	A	B	C	D	E	F	G	H	I	J	K	L
5354	Volkswagen	VWX	New Submission	Submitted	12/19/2018 18:16:37		VWX-DR-2018-0000794	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	BETLE	
5355	Volkswagen	VWX	New Submission	Submitted	12/21/2018 10:11:10		VWX-DR-2018-0000802	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	BETLE CONVERTIBLE	
5356	Volkswagen	VWX	New Submission	Submitted	12/21/2018 10:11:10		VWX-DR-2018-0000802	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volkswagen	BETLE	
5357	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	12/21/2018 11:47:00		VGA-DR-2018-0000807	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
5358	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
5359	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	GOLF	

	M	N	O	P
5354		DVWXV02.5A59	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5355		DVWXV02.03PA	2013	Air Inlet System (including Turbo and Superchargers)
5356		DVWXV02.03PA	2013	Air Inlet System (including Turbo and Superchargers)
5357		PVGAV03.6VUG	2015	On-Board Diagnostic (OBD) System
5358		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
5359		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
5354	<p>ComplaintMIL on</p> <p>DTCs PresentP0442 - EVAP Small Leak Detected P0456 - EVAP Very Small Leak Detected</p> <p>P0441 - EVAP Incorrect Purge Flow</p> <p>P0457 - EVAP Leak Detected ? fuel cap loose/off</p> <p>ComponentEVAP Purge Valve</p> <p>Part Number - Production06E906517A</p> <p>Part Number - Replacement 06E906517A</p> <p>Part Number - Analysis06E906517A</p> <p>AnalysisParts replacements are due to internal leaks resultant of the armature plate silicone breaking down over time.</p> <p>Parts analysis results:</p> <p>56x Leakage (32.2%)</p> <p>55x Very small leakage (30.7%)</p> <p>11x Incorrect purge flow (6.1%)</p> <p>6x Torn Seal (3.4%)</p> <p>1x Contaminated by fuel (0.6%)</p> <p>27x No trouble found</p>			144090	2973
5355	<p>ComplaintMIL on</p> <p>Rattle noise from engine</p> <p>DTCs PresentP0299 - Turbocharger Underboost</p> <p>P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance</p> <p>P0234 - Turbocharger Overboost</p> <p>ComponentTurbocharger</p> <p>Part Number ? ProductionDAD XV02.03PA-06J 145 713 F</p> <p>DVWXV02.03PA-06J 145 713 F</p> <p>EAD XV02.03PA-06J 145 713 F</p> <p>EVWXV02.03SA-06J 145 713 F / 06J 145 713 AF</p> <p>Part Number ? Replacement06J 145 713 FX</p> <p>Part Number ? Analysis 06J 145 713 F</p> <p>AnalysisRusted control-rod (28.6%)</p> <p>Sticking control-rod (23.8%)</p> <p>Wastegate has too much play (9.5%)</p> <p>Control-rod loose by pin (4.6%)</p> <p>No Trouble Found (33.3%)</p>			32748	157
5356	<p>ComplaintMIL on</p> <p>Rattle noise from engine</p> <p>DTCs PresentP0299 - Turbocharger Underboost</p> <p>P0236 - Turbocharger Boost Sensor (A) Circ. Range/Performance</p> <p>P0234 - Turbocharger Overboost</p> <p>ComponentTurbocharger</p> <p>Part Number ? ProductionDAD XV02.03PA-06J 145 713 F</p> <p>DVWXV02.03PA-06J 145 713 F</p> <p>EAD XV02.03PA-06J 145 713 F</p> <p>EVWXV02.03SA-06J 145 713 F / 06J 145 713 AF</p> <p>Part Number ? Replacement06J 145 713 FX</p> <p>Part Number ? Analysis 06J 145 713 F</p> <p>AnalysisRusted control-rod (28.6%)</p> <p>Sticking control-rod (23.8%)</p> <p>Wastegate has too much play (9.5%)</p> <p>Control-rod loose by pin (4.6%)</p> <p>No Trouble Found (33.3%)</p>			32748	157
5357	<p>Complaint:Not Applicable</p> <p>DTCs Present:Not Applicable</p> <p>Component:Engine Control Module Software</p> <p>Part Number ? Production03H906023BM V6179</p> <p>Part Number ? Replacement:To be determined</p> <p>Part Number ? Analysis:See attached table</p> <p>Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns:</p> <p>ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software</p> <p>PVGAV03.6VUGPassat201508BD Phase in TBD</p>			108	108
5358	<p>Complaint:Not Applicable</p> <p>DTCs Present:Not Applicable</p> <p>Component:Engine Control Module Software</p> <p>Part Number ? Production:Not Applicable</p> <p>Part Number ? Replacement:To be determined</p> <p>Part Number ? Analysis:See table</p> <p>Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns:</p> <p>ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software</p> <p>DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111</p> <p>DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095</p> <p>06J906027DC_3708</p> <p>DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103</p> <p>DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214</p> <p>07K906055AL_3690</p> <p>07K906055DD_4338</p> <p>DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337</p> <p>07K906055CT_3851</p> <p>DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p> <p>03H906023E_3013</p>			2549	2549
5359	<p>Complaint:Not Applicable</p> <p>DTCs Present:Not Applicable</p> <p>Component:Engine Control Module Software</p> <p>Part Number ? Production:Not Applicable</p> <p>Part Number ? Replacement:To be determined</p> <p>Part Number ? Analysis:See table</p> <p>Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns:</p> <p>ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software</p> <p>DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111</p> <p>DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095</p> <p>06J906027DC_3708</p> <p>DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103</p> <p>DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214</p> <p>07K906055AL_3690</p> <p>07K906055DD_4338</p> <p>DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337</p> <p>07K906055CT_3851</p> <p>DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088</p> <p>03H906023E_3013</p>			2549	2549

	A	B	C	D	E	F	G	H	I	J	K	L
5360	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Passat	
5361	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
5362	Volkswagen	VWX	New Submission	Submitted	12/21/2018 11:59:48		VWX-DR-2018-0000808	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	JETTA SPORTWAGEN	
5363	General Motors LLC	GMX	New Submission	Submitted	12/20/2018 13:57:51		GMX-DR-2018-0000773	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5364	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A4 quattro	
5365	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A3 quattro	
5366	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/30/2019 11:41:00		VGA-DR-2019-0000371	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Beetle	

	M	N	O	P
5360		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
5361		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
5362		DVWXV02.5M59	2013	On-Board Diagnostic (OBD) System
5363		EGMXJ02.4199	2014	Electrical Wiring, Sensor, and Actuator Systems
5364		JVGAI02.0A4C	2018	Electrical Wiring, Sensor, and Actuator Systems
5365		HVGAV02.0APA	2017	Electrical Wiring, Sensor, and Actuator Systems
5366		JVGAV02.0V3R	2018	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549	2549
	<p>Complaint:Not Applicable DTCs Present:Not Applicable Component:Engine Control Module Software Part Number ? Production:Not Applicable Part Number ? Replacement:To be determined Part Number ? Analysis:See table Analysis:During an internal review, Audi recognized that due to a quality slip, engine or transmission control SW calibrations could exhibit the following concerns: ECU software designed and certified for a certain model year was applied in following model years without disclosure.</p> <p>Test GroupVehicleMYCommentTarget Software DVWXJ02.03UAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L20130BD Phase in 06J906027DD_4111 DVWXV02.03PAVW Beetle/Convertible, Jetta GLI, Passat, Tiguan 2.0L PZEV20130BD Phase in 06J906027DC_2095 06J906027DC_3708 DVWXV02.0U36VW Jetta (2.0)20130BD Phase in 06G9060555_1103 DVWXV02.5AS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Automatic20130BD Phase in 07K906055A_9214 07K906055AL_3690 07K906055DD_4338 DVWXV02.5MS9VW Beetle/Convertible, Golf Passat, Jetta 2.5L PZEV Manual20130BD Phase in 07K906055CN_4337 07K906055CT_3851 DVWXV03.6U46VW Passat CC (3.6 FSI)20130BD Phase in 03H906023AJ_1088 03H906023E_3013</p>			2549 43915	2549 831
5361	In certain vehicle the camshaft position actuator oil control solenoid valve (OCV) may fail due to excessive internal wear between components or a broken internal electrical wire.				
5364	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat -06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K-version 0001 Beetle -06K.906.016.B-version 9610 Passat ? 06K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001 ? 0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat -06K.906.016.C-version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>			13477	13477
5365	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat -06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K-version 0001 Beetle -06K.906.016.B-version 9610 Passat ? 06K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001 ? 0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat -06K.906.016.C-version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>			9632	9632
5366	<p>DTCs Present:Not applicable Component:Engine Control Unit Part Number ? Production: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001-0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat -06K.906.016.C-version 4949 Part Number ? Replacement: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0006 A3-LEV 30-SW part number 8V0.907.115.B_0007 VW: Tiguan -5NA.907.115.K-version 0001 Beetle -06K.906.016.B-version 9610 Passat ? 06K.906.016.C-version 9609 Part Number ? Analysis: Audi: A4/A5/Q5-ULEV 125-SW part number 8W0.907.115.C_0003.0005 A3-LEV 30-SW part number 8V0.907.115.B_0001 ? 0006 VW: Tiguan -5NA.907.115.A-version 0002_0004 Beetle -06K.906.016.B-version 4948 Passat -06K.906.016.C-version 4949 Analysis:Supplier Bosch disclosed an ECM Software fault in combination with an the aging front oxygen sensor (Field analysis confirmed that this effect may occur over mileage 50,000 mi)</p>			53027	53027

	A	B	C	D	E	F	G	H	I	J	K	L
5367	BMW	BMX	Correction	Submitted	7/4/2019 3:05:05		BMX-DR-2019-0000492	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	M5	
5368	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD	
5369	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
5370	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX FWD	
5371	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD	
5372	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX AWD A-SPEC	
5373	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX FWD A-SPEC	
5374	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 12:41:50		HNX-DR-2018-0000785	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	
5375	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC 4Dr	1.5L
5376	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V AWD	
5377	American Honda Motor Co., Inc.	HNX	Correction	Submitted	2/5/2019 20:01:55		HNX-DR-2018-0000583	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-V FWD	
5378	FCA US LLC	CRX	New Submission	Submitted	5/31/2019 9:14:26		CRX-DR-2019-0000384	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5379	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5380	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5381	Mercedes Benz	MBX	New Submission	Submitted	6/5/2019 1:23:17		MBX-DR-2019-0000390	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5382	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740i	
5383	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	

	M	N	O	P
5367		KBMXV04.45M5	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5368		JHNXV03.5LH3	2018	On-Board Diagnostic (OBD) System
5369		JHNXV03.5RH3	2018	On-Board Diagnostic (OBD) System
5370		JHNXV03.5RH3	2018	On-Board Diagnostic (OBD) System
5371		HHNXV03.5MA3	2017	On-Board Diagnostic (OBD) System
5372		KHNXV03.5HH3	2019	On-Board Diagnostic (OBD) System
5373		KHNXV03.5HH3	2019	On-Board Diagnostic (OBD) System
5374		FHNXV03.5MK3	2015	On-Board Diagnostic (OBD) System
5375 CVT		GHNXV01.54H2	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5376		JHNXT01.51R3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5377		HHNXT01.54R3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5378		GCRV01.45P0	2016	Air Inlet System (Including Turbo and Superchargers)
5379		CMBXT03.0HD1	2012	Electrical Wiring, Sensor, and Actuator Systems
5380		AMBXT03.0HD1	2010	Electrical Wiring, Sensor, and Actuator Systems
5381		AMBXT03.0HD1	2010	Electrical Wiring, Sensor, and Actuator Systems
5382		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
5383		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Wrong screwing/Connection of the high pressure pump (HDP) on selected model year 2018 and 2019 vehicles with 8-cylinder engines N63 produced between 10/10/2018 and 05/08/2019 (based on evaluation of the screwing curve) could lead to the following scenario:</p> <p>During engine operation this wrong screwing/connection of the HDP could get untightened, the HDP experiences an overload so that the adapter of the HDP could break. As a result the connected fuel line could get untightened so that fuel could leak from the fuel line. The drop down of the fuel rail pressure will be detected by OBD including fault code storage and MIL illumination. In case of further drop down a limp home mode will be activated including information for the driver.</p>	10/11/2018	4/4/2019	5	5
	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	4/11/2017	3/22/2018	20451	30
	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	9/9/2017	7/16/2018	40272	4
	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	9/9/2017	7/16/2018	40272	4
	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	7/15/2016	3/27/2017	11274	47
	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	4/2/2018		15812	2
	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	4/2/2018		15812	2
	<p>Sodium in the fuel may contaminate the surface of the fuel pump motor brushes that may cause fuel flow to decrease. As a result, the MIL may illuminate for P0087 "Fuel System Pressure (Low)" or in some cases vehicle may stall.</p>	8/14/2014	7/31/2015	16327	24
	<p>5375 Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate</p>	9/28/2015	10/10/2016	57135	31
	<p>5376 Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate</p>	10/14/2017		331942	126
	<p>5377 Due to inappropriate calibration of the PCM and TCM, engine oil may be diluted with fuel when short trip driving operation is repeated during winter season in cold weather (low engine oil temperature condition). After that, when fully warmed up the diluted fuel in the engine oil may evaporate rapidly and the MIL may illuminate</p>	11/21/2016	10/15/2017	316976	639
	<p>Some 2015-2017MY Jeep Renegade ("BU") and Fiat 500X ("FB") vehicles equipped with a 1.4L Engine are experiencing air cleaner assembly replacements. The Malfunction Indicator Lamp (MIL) is illuminated, and P1CEA code is set (Boost side EVAP purge system performance). FCAUS analyzed 1444 of the returned air cleaner assemblies:</p> <p>7707 (49%) were missing an internal nozzle (passage) within the ejector tee of the air cleaner assembly</p> <p>7292 (20%) experienced a broken nipple on the air cleaner assembly</p> <p>7178 (12%) experienced a general break within the air cleaner assembly</p> <p>787 (6%) were determined to be "No trouble found"</p> <p>5378 7180 (13%) were unable to be categorized</p>			455	369
	<p>5379 DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm</p>			15737	175
	<p>5380 DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm</p>			6132	224
	<p>5381 DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Nernst voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm</p>			6132	224
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 9th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2018	2/27/2019	5792	5792
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 9th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2018	2/27/2019	5792	5792

	A	B	C	D	E	F	G	H	I	J	K	L
5384	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
5385	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	
5386	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Gran Coupe	
5387	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i xDrive Convertible	
5388	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	
5389	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X4 xDrive30i	

	M	N	O	P
5384		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
5385		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System
5386		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
5387		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
5388		LBMXV03.0B58	2020	On-Board Diagnostic (OBD) System
5389		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
5390	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
5391	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Coupe	
5392	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
5393	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 M40i	
5394	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e	
5395	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe M Performance	

	M	N	O	P
5390		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5391		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5392		JBMXJ02.0B4X	2018	On-Board Diagnostic (OBD) System
5393		KBMXJ03.0B5X	2019	On-Board Diagnostic (OBD) System
5394		JBMXV02.0H30	2018	On-Board Diagnostic (OBD) System
5395		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
5390	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2018	5/7/2019	42897	42897
5391	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2018	5/7/2019	42897	42897
5392	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	6869	6869
5393	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	3/31/2018	5/7/2019	4350	4350
5394	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	4981	4981
5395	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2018	2/27/2019	998	998

	A	B	C	D	E	F	G	H	I	J	K	L
5396	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	
5397	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
5398	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Coupe	
5399	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M760i xDrive	
5400	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	
5401	BMW	BMX	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	

	M	N	O	P
5396		KBMXV03.0B2X	2019	On-Board Diagnostic (OBD) System
5397		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
5398		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
5399		LBMXV06.6N74	2020	On-Board Diagnostic (OBD) System
5400		JBMXV03.0B5S	2018	On-Board Diagnostic (OBD) System
5401		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
5402	BMW	BMW	New Submission	Submitted	6/5/2019 3:38:55		BMX-DR-2019-0000394	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X7 xDrive50i	
5403	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	Navigator L 2WD	
5404	Ford Motor Company	FMX	New Submission	Submitted	6/28/2019 12:20:45		FMX-DR-2019-0000488	Defect Report	DR - On-Board Diagnostic (OBD) System	Lincoln	NAUTILUS FWD	
5405	BMW	BMW	New Submission	Submitted	2/15/2019 7:33:07		BMX-DR-2019-0000135	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X5 xDrive 35d	
5406	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/20/2019 9:53:24		VGA-DR-2019-0000161	Defect Report	DR - Emission Control Information Label	Audi	A5 Cabriolet quattro	
5407	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GT	
5408	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GT	
5409	Bentley Motors Ltd.	BEX	New Submission	Submitted	7/2/2019 15:24:16		BEX-DR-2019-0000435	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Bentley	Continental GT	
5410	FCA US LLC	CRX	New Submission	Submitted	3/13/2019 11:16:54		CRX-DR-2019-0000199	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4x4	
5411	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 13:35:32		KMX-DR-2019-0000635	Defect Report	DR - Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Niro FE	

	M	N	O	P
5402		KBMXJ04.4N63	2019	On-Board Diagnostic (OBD) System
5403		KFMXT03.54HF	2019	On-Board Diagnostic (OBD) System
5404		KFMXT02.72JQ	2019	On-Board Diagnostic (OBD) System
5405		JBMXT03.0N57	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5406		KVGAV02.0A7C	2019	Emission Control Information Label
5407		DBEXV06.04UC	2013	Exhaust System (Other than EGR and Catalyst Systems)
5408		DBEXV06.0501	2013	Exhaust System (Other than EGR and Catalyst Systems)
5409		EBEXV06.04UC	2014	Exhaust System (Other than EGR and Catalyst Systems)
5410		JCRXT02.45P1	2018	Electrical Wiring, Sensor, and Actuator Systems
5411		JKMKV01.6D43	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	Q	R	S	T	U
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p> <p>5403 Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.</p> <p>5404 Some 2019 MY 2.0L GTDI and 2.7L Nautilus, 2019 2.3L GTDI and 5.0L Mustang and 3.5L GTDI Navigator vehicles were built with an instrument cluster that may not display required telltales including the malfunction indicator light.</p> <p>5405 The affected part number 13538508084 relates to the FUEL FEED LINE (TO HIGH PRESSURE PUMP). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2018 Test Group JBMKT03.0NS7, it</p>	11/30/2018	5/7/2019	2079	2079
				1430	1430
				407	407
		8/31/2017	7/30/2018	3366	552
	<p>Complaint: No known complaints. DTCs Present: Does not apply Component: Vehicle Emission Certification Information (VECI) Label Part Number ? Production: SWO 010 S04 N</p> <p>Part Number ? Replacement: SWO 010 S04 AB</p> <p>Part Number ? Analysis: Does not apply Analysis: Due to carline model changes in the certification application, early production vehicles were produced and sold with VECI labels that require an update to the test group.</p>			321	321
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			692	44
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			692	41
	<p>Complaint: Engine overheat light is on and engine speed may be limited. DTCs Present: P0544 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0547 - Exhaust Gas Temperature Sensor Circuit - Bank 1 P0546 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (High) P0549 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (High) P0545 - Exhaust Gas Temperature Sensor Circuit - Bank 1 (Low) P0548 - Exhaust Gas Temperature Sensor Circuit - Bank 2 (Low) Component: Exhaust Gas Temperature Sensor Part Number ? Production: 07C919529F / 07C919529G Part Number ? Replacement: 07C919529K / 07C919529L Part Number ? Analysis: 07C919529F / 07C919529G 07C919529H / 07C919529J Analysis: ? EDIR 0005-00 submitted November 2014 reported the manufacturing process improvement for supersession of the production level parts 07C919529F / 07C919529G for Engine Test Group CBEXV06.0501. ? EDIR 0005-01 submitted November 2015 updated the defect description for EDIR 0005-00, listing the replacement part numbers as 07C919529H / 07C919529J. ? EDIR 0005-02 (current report) identifies part number supersession from 07C919529H / 07C919529J to 07C919529K / 07C919529L due to a supplier change.</p>			854	43
	<p>5410 Some 2017 - 2019 MY Jeep, Compass (PMP??) vehicles, equipped with Stop-Start Dual Battery System (sales code XH2) may experience a malfunction indicator lamp ("MIL"), P152F - engine hood switch 2/engine hood switch 1 correlation and/or engine start stop disabled with a message displayed in the cluster due to a mis-alignment of the striker plate to hood switch.</p>			189016	231
	<p>Some 2018 model year Hyundai IONIQ Hybrid 1.6L vehicles have experienced malfunction indicator light (MIL) illumination accompanied by diagnostic trouble code P0455. According to the warranty parts investigation, a salt crystal that was located inside of poppet seal of NVLD was observed. Hyundai found out the salt crystal made poppet valve of NVLD stuck and did not detect very small leak in evaporative system. It is assumed that the salt crystal has been originated from the contents of sea breeze and fog coming from the California coast area.</p> <p>5411 To improve this matter, Hyundai will develop a countermeasure part and publish a Technical Service Bulletin to provide repair information to Hyundai dealers and will replace the affected NVLDs and filters by service action.</p>			144883	162

	A	B	C	D	E	F	G	H	I	J	K	L
5412	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 13:35:32		KMX-DR-2019-0000635	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Ioniq	
5413	FCA US LLC	CRX	New Submission	Submitted	2/22/2019 13:31:15		CRX-DR-2019-0000168	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	RAM	1500 4x4	
5414	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
5415	FCA US LLC	CRX	Correction	Submitted	7/8/2019 9:37:24		CRX-DR-2018-0000696	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Dodge	Charger	
5416	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/27/2019 10:23:46		VGA-DR-2019-0000173	Defect Report	DR - Emission Control Information Label	Volkswagen	Beetle	
5417	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A8	
5418	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A6 quattro	

	M	N	O	P
5412		JKM XV01.6D43	2018	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5413		HCR XT05.75P1	2017	Exhaust System (Other than EGR and Catalyst Systems)
5414		GCR XV03.65P1	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5415		BCR XV03.6VP0	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5416		KVG AV02.0V3R	2019	Emission Control Information Label
5417		HVG AV03.0AU E	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5418		HVG AV03.0AU E	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
	<p>Some 2018 model year Hyundai IONIQ Hybrid 1.6L vehicles have experienced malfunction indicator light (MIL) illumination accompanied by diagnostic trouble code P0455. According to the warranty parts investigation, a salt crystal that was located inside of poppet seal of NVLD was observed. Hyundai found out the salt crystal made poppet valve of NVLD stuck and did not detect very small leak in evaporative system. It is assumed that the salt crystal has been originated from the contents of sea breeze and fog coming from the California coast area.</p> <p>5412 To improve this matter, Hyundai will develop a countermeasure part and publish a Technical Service Bulletin to provide repair information to Hyundai dealers and will replace the affected NVLDs and filters by service action.</p>			144883	162
	<p>Some 2014-2019MY Ram 1500 ("DS") Trucks equipped with a 5.7L engine may experience exhaust manifold fastener failures due to metallurgical fatigue. This situation has the potential to cause both an unusual noise (ticking) from the engine compartment, as well as a localized gasket leak located at the exhaust manifold-cylinder head interface.</p> <p>5413</p>			270593	655
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>5414 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			1575	1575
	<p>Originally FCA US reported that on some 2015-2016 MY 3.6L Dodge Charger and Chrysler 300 fleet vehicles are experiencing replacements of the left side fuel pump module. An extended warranty is being provided which will cover 2011-2016 MY Dodge Charger (Pursuit) vehicles equipped with sales code AHB - Police Group.</p> <p>AFCA US review of 58 warranty claims found that of the 58 fuel pump/level units replaced for the following reasons: 4 (6.9%) due to a no start condition, 48 (82.8%) due to a fuel smell or leak at the flange and 2 (3.5%) due to a fuel level sensor issue. The remaining 4 (6.9%) units were right side fuel pump/level unit modules.</p> <p>The two primary types of failure are caused by a melted electrical connector which is part of the top flange and a failed capacitor inside the left fuel pump module. First, an internal capacitor within the left fuel pump module may have been damaged during the fuel pump assembly process which results in a vehicle no start.</p> <p>5415 Second, the majority of these vehicles are police vehicles. A combination of the extended run time of these vehicles causes temperature to increase along with temperature generated by the flow of current to the fuel pump. This is causing the electrical connector/flange to melt and allow fuel vapor to escape.</p>			585	585
	<p>Complaint: No known complaints. DTCs Present: Does not apply Component: Vehicle Emission Certification Information (VECI) Label Part Number ? Production: 06K-010-005-AQ Part Number ? Replacement: 06K-010-005-AQ Part Number ? Analysis: Does not apply</p> <p>5416 Analysis: 31 vehicles were produced with a VECI label containing a missing character in the 5th position of the evaporative family. Corrected VECI labels will be installed to correct the current label value KVGA_0110VBD, by adding an R to the 5th character position. The final corrected EWP family is KVGAR0110VBD.</p>			31	31
	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): FVGAV03.0AU/E: 06E130089AA, 06E130090AD; GVGAV03.0AU/E: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU/E: 06E130089Q, 06E130090T; JVGAV03.0AU/E: 06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement: 06E198201B (includes: left fuel rail 06E.133.681.L and right fuel rail 06E.133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>FVGAV03.0AU/E: 06E130089AA, 06E130090AD; GVGAV03.0AU/E: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU/E: 06E130089Q, 06E130090T; JVGAV03.0AU/E: 06E130089AH, 06E130090AL.</p> <p>5417 Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.</p>			10381	10381
	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): FVGAV03.0AU/E: 06E130089AA, 06E130090AD; GVGAV03.0AU/E: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU/E: 06E130089Q, 06E130090T; JVGAV03.0AU/E: 06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement: 06E198201B (includes: left fuel rail 06E.133.681.L and right fuel rail 06E.133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>FVGAV03.0AU/E: 06E130089AA, 06E130090AD; GVGAV03.0AU/E: 06E130089Q, 06E130090T; HVGAT03.0AUT: 06E130089Q, 06E130090T; HVGAV03.0AU/E: 06E130089Q, 06E130090T; JVGAV03.0AU/E: 06E130089AH, 06E130090AL.</p> <p>5418 Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.</p>			10381	10381

	A	B	C	D	E	F	G	H	I	J	K	L
5419	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	ABL	
5420	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/1/2019 14:07:31		VGA-DR-2019-0000186	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Audi	A6 quattro	
5421	Jaguar Land Rover Limited	JLX	New Submission	Superseded	3/19/2019 10:05:43	7/19/2019 14:17:41	JLX-DR-2019-0000215	Defect Report	DR - On-Board Diagnostic (OBD) System			
5422	BMW	BMX	New Submission	Submitted	7/10/2019 9:19:21		BMX-DR-2019-0000508	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	328d xDrive	
5423	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chevrolet	MALIBU	
5424	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chevrolet	MALIBU	
5425	General Motors LLC	GMX	New Submission	Submitted	3/1/2019 15:44:38		GMX-DR-2019-0000172	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Chevrolet	MALIBU	
5426	FCA US LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Patriot FWD	2.4L (ED3)
5427	FCA US LLC	CRX	New Submission	Submitted	3/11/2019 7:11:23		CRX-DR-2019-0000197	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Jeep	Compass 4X2	
5428	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/19/2019 19:51:53		HNX-DR-2019-0000720	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 5Dr	
5429	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/19/2019 19:51:53		HNX-DR-2019-0000720	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	CIVIC 5Dr	
5430	Mercedes Benz	MBX	New Submission	Submitted	9/2/2019 10:36:16		MBX-DR-2019-0000671	Defect Report	DR - Hybrid Vehicle System			
5431	Mercedes Benz	MBX	New Submission	Submitted	9/2/2019 10:36:16		MBX-DR-2019-0000671	Defect Report	DR - Hybrid Vehicle System			
5432	General Motors LLC	GMX	New Submission	Submitted	3/11/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5433	General Motors LLC	GMX	New Submission	Submitted	3/11/2019 7:37:23		GMX-DR-2019-0000169	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5434	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5435	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5436	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5437	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5438	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5439	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5440	FCA US LLC	CRX	New Submission	Submitted	7/11/2019 9:08:00		CRX-DR-2019-0000510	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5441	Kia Motors Corporation	KMX	Correction	Submitted	8/13/2019 14:34:36		KMX-DR-2019-0000636	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Stinger RWD	
5442	Kia Motors Corporation	KMX	New Submission	Submitted	8/13/2019 14:43:43		KMX-DR-2019-0000637	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Soul	
5443	BMW	BMX	New Submission	Submitted	9/2/2019 11:40:48		BMX-DR-2019-0000620	Defect Report	DR - Hybrid Vehicle System	BMW	i3s	
5444	Kia Motors Corporation	KMX	New Submission	Superseded	9/10/2019 16:36:00	9/10/2019 16:48:08	KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
5445	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Niro	
5446	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq Blue	
5447	Kia Motors Corporation	KMX	Correction	Submitted	9/10/2019 16:48:08		KMX-DR-2019-0000690	Defect Report	DR - On-Board Diagnostic (OBD) System	HYUNDAI	Ioniq Blue	
5448	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/11/2019 15:26:59		VGA-DR-2019-0000700	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Jetta Hybrid	

	M	N	O	P
5419		GVGAV03.0AUE	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5420		GVGAV03.0AUE	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5421		JJLXT05.0FSN	2018	On-Board Diagnostic (OBD) System
5422		HBMXV02.0N47	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5423		GGMXV02.0031	2016	Electrical Wiring, Sensor, and Actuator Systems
5424		JGMXV02.0031	2018	Electrical Wiring, Sensor, and Actuator Systems
5425		HGMXV01.8050	2017	Electrical Wiring, Sensor, and Actuator Systems
5426 Automatic (D44)		HCRT02.45P0	2017	Electrical Wiring, Sensor, and Actuator Systems
5427		HCRT02.45P1	2017	Electrical Wiring, Sensor, and Actuator Systems
5428		KHAXV02.01H3	2019	On-Board Diagnostic (OBD) System
5429		JHNXV02.02H3	2018	On-Board Diagnostic (OBD) System
5430		GMBXT03.0HY1	2016	Hybrid Vehicle System
5431		HMBXV03.0HY1	2017	Hybrid Vehicle System
5432		HGMXT06.2374	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5433		GGMXT05.3383	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5434		ECRXV01.45P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5435		FCRT02.45P1	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5436		GCRXT03.65P2	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5437		GCRXD03.65P3	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5438		ECRXV03.65P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5439		ECRT02.45P0	2014	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5440		GCRXV02.45P3	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5441		JKMXV02.04X6	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5442		HKMXV02.04C5	2017	On-Board Diagnostic (OBD) System
5443		KBMXV00.0138	2019	Hybrid Vehicle System
5444		HKMXV01.6D43	2017	On-Board Diagnostic (OBD) System
5445		KKMXV01.6L13	2019	On-Board Diagnostic (OBD) System
5446		HKMXV01.6D43	2017	On-Board Diagnostic (OBD) System
5447		JKMXV01.6D43	2018	On-Board Diagnostic (OBD) System
5448		FVGAV01.4VPA	2015	Drivetrain/Transmission System

	Q	R	S	T	U
	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): FVGAV03.0AU:E:06E130089AA, 06E130090AD; GVGAV03.0AU:E:06E130089Q, 06E130090T; HVGAT03.0AUT:06E130089Q, 06E130090T; HVGAV03.0AU:E:06E130089Q, 06E130090T; JVGAI03.0AU:E:06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement:06E198201B (includes: left fuel rail 06E.133.681.L and right fuel rail 06E.133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>FVGAV03.0AU:E:06E130089AA, 06E130090AD; GVGAV03.0AU:E:06E130089Q, 06E130090T; HVGAT03.0AUT:06E130089Q, 06E130090T; HVGAV03.0AU:E:06E130089Q, 06E130090T; JVGAI03.0AU:E:06E130089AH, 06E130090AL.</p>				
5419	Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.			22379	22379
	<p>Complaint: Customers may notice a fuel odor.</p> <p>DTCs Present: No DTCs.</p> <p>Component: Fuel Rail Repair Kit (includes Fuel Rails).</p> <p>Part Number ? Production (Test Group: Fuel Rail Part Number [Left, Right]): FVGAV03.0AU:E:06E130089AA, 06E130090AD; GVGAV03.0AU:E:06E130089Q, 06E130090T; HVGAT03.0AUT:06E130089Q, 06E130090T; HVGAV03.0AU:E:06E130089Q, 06E130090T; JVGAI03.0AU:E:06E130089AH, 06E130090AL.</p> <p>Part Number ? Replacement:06E198201B (includes: left fuel rail 06E.133.681.L and right fuel rail 06E.133.682.C)</p> <p>Part Number ? Analysis (Test Group: Fuel Rail Part Number [Left, Right]):</p> <p>FVGAV03.0AU:E:06E130089AA, 06E130090AD; GVGAV03.0AU:E:06E130089Q, 06E130090T; HVGAT03.0AUT:06E130089Q, 06E130090T; HVGAV03.0AU:E:06E130089Q, 06E130090T; JVGAI03.0AU:E:06E130089AH, 06E130090AL.</p>				
5420	Analysis: On certain vehicles, a small amount of fuel may leak from one or both fuel rails. In the presence of an ignition source, leaking fuel may result in a fire.			22379	22379
5421	The Evaporative Emissions Leak Monitor diagnostic completion ratio can be overstated due to a miscalculation of the denominator value. The completion ratio identifies when the indicated diagnostic should have completed versus when it did. The evaluation did not increment the denominator beyond a value of 1.			5624	5624
	<p>Analyses have shown, that in about 43% of all cases the component fuel injector was replaced due to a valid malfunction of the component fuel injector itself. Based on poor diesel fuel quality an extended plate-out/coat inside the injector is possible. This coat results in an increased pilot injections correction. If the adaption limit monitoring/corrected energizing time exceeds a time threshold (e.g. 250 Tsec), a corresponding OBD fault code (e.g. DTC P022CD for injector 1) including MIL illumination is set (Injection quantity monitoring /Zero Fuel Calibration [ZFC]). In about 50% of all cases the component injector was replaced besides the malfunctioning component high pressure fuel pump (according service instruction) due to contamination of the high/low pressure system with cuttings (please see also e.g. EDIR-QH-N57-0267 or EDIR-QH-N57-0324). In the other about 75% the component fuel injector was replaced without any valid reason (e.g. no corresponding fault code indicating a malfunctioning fuel injector).</p>	6/30/2016	6/29/2017	1502	269
5422	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			21598	2249
5423	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			22208	175
5424	Certain vehicles may have a condition which affects the electrical connections to the vehicle's accelerator pedal position sensors. Electrical connection to these sensors may be lost at times, intermittently. This is caused by dimensional variation in the pedal sensor housing that can allow the sensor's electrical terminal buck to move relative to the sensor's circuit board.			4517	366
5425	Some 2016-2017 Jeep Compass/Patriot (MK) vehicles with a 2.4L engine (ED3) and automatic transmission (D44) may have a Transmission Range Sensor (TRS) that will set a MIL and DTC Codes P0705 (TRS A Circuit (PRNDL Input) and/or P0706 (TRS Performance), due to a terminal flatness issue on the sensor.			17789	55
5426	Some 2016-2017 Jeep Compass/Patriot (MK) vehicles with a 2.4L engine (ED3) and automatic transmission (D44) may have a Transmission Range Sensor (TRS) that will set a MIL and DTC Codes P0705 (TRS A Circuit (PRNDL Input) and/or P0706 (TRS Performance), due to a terminal flatness issue on the sensor.			53513	340
5427	Due to inappropriate software of the OBD system, the MIL bulb check and readiness blinking are not appropriately output under a certain condition and/or multiple Permanent diagnostic trouble codes are not correctly output under certain conditions.	10/8/2018		5011	0
5428	Due to inappropriate software of the OBD system, the MIL bulb check and readiness blinking are not appropriately output under a certain condition and/or multiple Permanent diagnostic trouble codes are not correctly output under certain conditions.	8/4/2017	9/27/2018	4766	0
5429	On certain six-cylinder plug-in hybrid vehicles (S 550 Hybrid, S 550 e and GLE 550 e 4MATIC) the temperature sensor in the electric machine may send implausible values due to temporary short circuit at the contact. In case of the described defect, the Check Engine Light (MIL) would be illuminated, prompting the driver to visit a servicing dealer, and the maximum power of the hybrid system would be limited.			187	6
5430	On certain six-cylinder plug-in hybrid vehicles (S 550 Hybrid, S 550 e and GLE 550 e 4MATIC) the temperature sensor in the electric machine may send implausible values due to temporary short circuit at the contact. In case of the described defect, the Check Engine Light (MIL) would be illuminated, prompting the driver to visit a servicing dealer, and the maximum power of the hybrid system would be limited.			2	0
5431	In certain vehicles and under certain conditions, the engine's fuel injectors may deliver an improper amount of fuel. The typical identified fuel injector failures are due to wear on the armature caused by a combination of a vibration in the armature and the propensity of the armature to spin on the pintle perch.			97030	1458
5432	In certain vehicles and under certain conditions, the engine's fuel injectors may deliver an improper amount of fuel. The typical identified fuel injector failures are due to wear on the armature caused by a combination of a vibration in the armature and the propensity of the armature to spin on the pintle perch.			758	38
5433	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			30477	79
5434	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			7659	18
5435	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			143525	168
5436	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			322722	1425
5437	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			145046	129
5438	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			2372	5
5439	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri			3689	6
5440	Some 2014-2017MY vehicles are experiencing fuel vapor pressure sensor replacements. The fuel tank pressure sensor may fail due to moisture intrusion through the electrical connector and vent filter that causes corrosion to the internal sensor circuits, adversely affecting the sensor output. When this happens, the MIL will illuminate for either P0441 (purge monitor) or P1457 (FTPS electri				
	<p>Some 2018 model year Stinger vehicles equipped with 2.0 liter engines have experienced a malfunction indicator lamp (MIL) illumination with the diagnostic trouble code P053F.</p> <p>P053F: Fuel pressure control system (Low Fuel pressure)</p> <p>The main cause is lack drive current of high pressure pump in ECU.</p> <p>To improve this matter, Kia redesigned the ECU and has been replacing the affected ECU through a dealer service campaign action since November 2018.</p>			7297	79
5441	Some 2017-2019 model year Soul vehicles equipped with 2.0 liter engines have experienced a malfunction indicator lamp (MIL) illumination with the diagnostic trouble code P0441. (PCSV Rationality check) The main cause is that foreign matter sticks to the inside surface of PCSV and malfunction occurs. As a result, it was confirmed that the foreign matter was a plasticizer to give flexibility to the PCSV.			27085	55
	<p>The Electric Motor Electronics (EME) for approximately 147 Model Year 2019 BMW i3 and i8 vehicles, produced between December 19, 2018 and April 3, 2019, are potentially affected since they may not have been produced to supplier specifications. As a result, the EME could shut down electrical power, lead to a loss of propulsion, and increase the risk of a crash.</p> <p>5443 This malfunction of the EME is detected by the OBD system and a corresponding DTC is set including MIL illumination.</p>	12/18/2018	4/2/2019	30	30
5442	Some 2017-2019 model year Kia Niro HEV equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating an evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor assembly due to inner part defect.			27127	175
5443	Some 2017-2019 model year Kia Niro and Hyundai IONIQ Hybrid (HEV) equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating an evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor ass			26550	45
5444	Some 2017-2019 model year Kia Niro and Hyundai IONIQ Hybrid (HEV) equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating an evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor ass			27127	175
5445	Some 2017-2019 model year Kia Niro and Hyundai IONIQ Hybrid (HEV) equipped with 1.6 liter engines have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0456, indicating an evaporative emission system very small leak detected. According to the investigation, the main cause of this failure was incorrectly functioning NVLD pressure sensor ass			21891	89
	<p>Complaint: On affected vehicles, the Mechatronic Unit service replacement was configured with a European software calibration.</p> <p>DTCs Present: Not applicable</p> <p>Component: Mechatronic Unit</p> <p>Part Number ? Production: OCG.325.025.B.Z02 with SW (S801)</p> <p>Part Number ? Replacement: OCG.325.025.B.Z03 with SW (6404 and 6304)</p> <p>Part Number ? Analysis: OCG.325.025.B.Z02 with SW (S801)</p> <p>Analysis: Due to a sorting issue at the transmission supplier, the mechatronic software versions were switched between Europe and USA/Canada-specific software. As a result, these affected US vehicles which received service replacement parts will not have Mode \$06 enabled.</p>			552	522

	A	B	C	D	E	F	G	H	I	J	K	L
5449	Kia Motors Corporation	KMX	New Submission	Submitted	8/15/2019 11:02:55		KMX-DR-2019-0000641	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Forte FE	
5450	Hyundai Motor Company	HYX	New Submission	Submitted	8/15/2019 11:13:34		HYX-DR-2019-0000634	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	GENESIS	G80 RWD	
5451	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/26/2019 15:51:57		VGA-DR-2019-0000663	Defect Report	DR - Selective Catalytic Reduction System	Volkswagen	Jetta	
5452	Volkswagen	VWX	New Submission	Submitted	9/13/2019 10:24:58		VWX-DR-2019-0000702	Defect Report	DR - Drivetrain/Transmission System	Volkswagen	Passat	
5453	BMW	BMX	New Submission	Submitted	9/16/2019 3:52:28		BMX-DR-2019-0000703	Defect Report	DR - Emission Control Information Label	Mini	COOPER S CONVERTIBLE	
5454	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	3/26/2019 14:16:25		VGA-DR-2019-0000225	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5455	Porsche AG	PRX	New Submission	Submitted	9/11/2019 10:24:38		PRX-DR-2019-0000691	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Porsche	911 Carrera S	3L
5456	Lotus Cars Ltd	LTX	New Submission	Superseded	9/16/2019 7:49:13	9/17/2019 3:18:00	LTX-DR-2019-0000704	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Lotus	Evora	
5457	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/27/2019 16:18:36		NSX-DR-2019-0000662	Defect Report	DR - On-Board Diagnostic (OBD) System			
5458	Subaru Corporation	FIJ	New Submission	Submitted	9/5/2019 16:05:44		FIJ-DR-2019-0000678	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)	Subaru	FORESTER	
5459	Volvo Car USA, LLC	VVX	Correction	Submitted	5/9/2019 10:06:13		VVX-DR-2018-0000153	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volvo	V90 FWD	
5460	Subaru Corporation	FIJ	New Submission	Submitted	9/5/2019 16:27:36		FIJ-DR-2019-0000621	Defect Report	DR - Catalyst System	Subaru	LEGACY	
5461	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5462	Jaguar Land Rover Limited	JLX	New Submission	Submitted	9/5/2019 16:49:31		JLX-DR-2019-0000679	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)			
5463	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S CONVERTIBLE	
5464	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER S COUNTRYMAN ALL4	
5465	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 sDrive28i	
5466	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X2 sDrive28i	
5467	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	i8 Coupe	
5468	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	JOHN COOPER WORKS CLUBMAN ALL4	
5469	BMW	BMX	Correction	Submitted	1/30/2019 3:47:43		BMX-DR-2018-0000731	Defect Report	DR - On-Board Diagnostic (OBD) System	Mini	COOPER CONVERTIBLE	
5470	Subaru Corporation	FIJ	New Submission	Submitted	2/7/2019 16:35:11		FIJ-DR-2019-0000092	Defect Report	DR - Catalyst System	Subaru	LEGACY	
5471	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 11:16:51		MAX-DR-2018-0000138	Defect Report	DR - Drivetrain/Transmission System			

	M	N	O	P
5449		KXMXV02.0CE3	2019	On-Board Diagnostic (OBD) System
5450		JHYXV05.01R5	2018	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5451		FVGAV02.0VAL	2015	Selective Catalytic Reduction System
5452		EWXV02.0B5F	2014	Drivetrain/Transmission System
5453		LBMXV02.0B46	2020	Emission Control Information Label
5454		FVGAV02.0AUB	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5455 Automatic and Manual		JPRXV03.0C91	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5456		HLTXV03.5JHB	2017	Air Inlet System (Including Turbo and Superchargers)
5457		HNSXV03.5K7A	2017	On-Board Diagnostic (OBD) System
5458		JFJXJ02.0FPT	2018	Exhaust System (Other than EGR and Catalyst Systems)
5459		JVWXJ02.0A70	2018	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5460		GFJXJ02.5J5W	2016	Catalyst System
5461		EILXT03.0002	2014	Air Inlet System (Including Turbo and Superchargers)
5462		EILXV03.0F5M	2014	Air Inlet System (Including Turbo and Superchargers)
5463		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
5464		KBMXV02.0B46	2019	On-Board Diagnostic (OBD) System
5465		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
5466		JBMXV02.0B46	2018	On-Board Diagnostic (OBD) System
5467		KBMXV01.5IBP	2019	On-Board Diagnostic (OBD) System
5468		KBMXV02.0M48	2019	On-Board Diagnostic (OBD) System
5469		KBMXV01.5M36	2019	On-Board Diagnostic (OBD) System
5470		KFJXJ02.5HRV	2019	Catalyst System
5471		EMAXV04.7LEV	2014	Drivetrain/Transmission System

	A	B	C	D	E	F	G	H	I	J	K	L
5472	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 15:56:36		VGA-DR-2019-0000113	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A6 quattro	
5473	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 15:56:36		VGA-DR-2019-0000113	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	TT Coupe quattro	
5474	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	7/26/2019 14:54:04		HMX-DR-2019-0000573	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	TLX 4WD	3.5L
5475	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Cherokee FWD	
5476	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	
5477	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee SRT 4x4	
5478	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Grand Cherokee 4X2	
5479	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 4X4	
5480	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
5481	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger	
5482	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango AWD	
5483	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger	
5484	FCA US LLC	CRX	Correction	Submitted	7/31/2019 11:09:39		CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler 4X4	
5485	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Atlas	
5486	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Volkswagen	Tiguan 4Motion	
5487	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	Q3 quattro	
5488	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 Cabriolet	

	M	N	O	P
5472		GVGAV02.0A4C	2016	On-Board Diagnostic (OBD) System
5473		GVGAV02.0APA	2016	On-Board Diagnostic (OBD) System
5474		GHNVV03.5RA3	2016	On-Board Diagnostic (OBD) System
5475		HCRXT03.2SP1	2017	Exhaust Gas Recirculation (EGR) System
5476		GCRXT03.6SP2	2016	Exhaust Gas Recirculation (EGR) System
5477		HCRXT06.4SP1	2017	Exhaust Gas Recirculation (EGR) System
5478		HCRXT03.6SP3	2017	Exhaust Gas Recirculation (EGR) System
5479		HCRXT03.6SPV	2017	Exhaust Gas Recirculation (EGR) System
5480		FCRXT06.4SP0	2015	Exhaust Gas Recirculation (EGR) System
5481		HCRXV05.7SP0	2017	Exhaust Gas Recirculation (EGR) System
5482		HCRXT05.7SP1	2017	Exhaust Gas Recirculation (EGR) System
5483		GCRXV05.7SP1	2016	Exhaust Gas Recirculation (EGR) System
5484		GCRXJ03.6SP3	2016	Exhaust Gas Recirculation (EGR) System
5485		KVGAT03.6VAS	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5486		KVGAI02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5487		KVGAI02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5488		KVGAI02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	A	B	C	D	E	F	G	H	I	J	K	L
5489	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/5/2019 14:23:09		VGA-DR-2019-0000528	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery [ORVR] Systems)	Audi	A3	
5490	American Honda Motor Co., Inc.	HMX	Correction	Superseded	5/1/2019 13:51:01	5/3/2019 18:30:45	HMX-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic [OBD] System)	Acura	TLX AWD	
5491	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic [OBD] System	Volkswagen	Jetta	
5492	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic [OBD] System	Volkswagen	Tiguan	
5493	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic [OBD] System	Volkswagen	Passat	
5494	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:11:39		VGA-DR-2019-0000114	Defect Report	DR - On-Board Diagnostic [OBD] System	Volkswagen	Passat	
5495	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic [OBD] System	Volkswagen	BETTLE CONVERTIBLE	

	M	N	O	P
5489		KVGAJ02.0A3A	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5490		HHNXV03.3MA3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5491		FVGAV02.0VBD	2015	On-Board Diagnostic (OBD) System
5492		FVGAI02.0VUE	2015	On-Board Diagnostic (OBD) System
5493		GVGAV02.0VPD	2016	On-Board Diagnostic (OBD) System
5494		FVGAV02.0VPD	2015	On-Board Diagnostic (OBD) System
5495		DVWXV02.03PA	2013	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
5496	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta Hybrid	
5497	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
5498	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	Jetta	
5499	Volkswagen	VWX	New Submission	Submitted	2/11/2019 16:30:27		VWX-DR-2019-0000115	Defect Report	DR - On-Board Diagnostic (OBD) System	Volkswagen	TIGUAN	
5500	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Beetle	
5501	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/11/2019 16:50:24		VGA-DR-2019-0000116	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Volkswagen	Golf	
5502	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5503	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5504	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5505	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5506	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5507	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5508	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5509	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5510	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5511	Mercedes Benz	MBX	New Submission	Submitted	2/15/2019 3:11:43		MBX-DR-2019-0000127	Defect Report	DR - On-Board Diagnostic (OBD) System			
5512	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	
5513	Kia Motors Corporation	KMX	New Submission	Superseded	7/16/2019 15:28:42	7/17/2019 11:30:14	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra	

	M	N	O	P
5496		DVWXV01.4PHE	2013	On-Board Diagnostic (OBD) System
5497		DVWXV02.5U3A	2013	On-Board Diagnostic (OBD) System
5498		EWXV02.03PA	2014	On-Board Diagnostic (OBD) System
5499		DVWXI02.03UA	2013	On-Board Diagnostic (OBD) System
5500		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
5501		FVGAV02.0VAL	2015	Electrical Wiring, Sensor, and Actuator Systems
5502		FMBXT05.5U2A	2015	On-Board Diagnostic (OBD) System
5503		DMBXT03.5U2B	2013	On-Board Diagnostic (OBD) System
5504		HMBXT03.0U2B	2017	On-Board Diagnostic (OBD) System
5505		GMBXV03.0U2A	2016	On-Board Diagnostic (OBD) System
5506		JMBXU02.0U2B	2018	On-Board Diagnostic (OBD) System
5507		FMBXV03.0HY1	2015	On-Board Diagnostic (OBD) System
5508		CMBXV03.352A	2012	On-Board Diagnostic (OBD) System
5509		JMBXT05.5U2A	2018	On-Board Diagnostic (OBD) System
5510		GMBXV02.0U2C	2016	On-Board Diagnostic (OBD) System
5511		GMBXU03.5U2A	2016	On-Board Diagnostic (OBD) System
5512		GKMXV02.0DFP	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5513		FKMXV02.0EFP	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U	
	<p>Analysis determined software list above calibrations within this report have one of the following concerns:</p> <p>Software designed for other Model - Software was intended for another model</p> <p>No Information Available - Unique software on a low number of vehicles that are not possible to analyze</p> <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</p> <p>Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>061997029D_1509061997029D_1509ECMDVWXJ02.03UA</p> <p>061997029E_1510061997029B_1507ECMDVWXJ02.03UA</p> <p>04E906023_423104E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_468904E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_492004E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_503704E906023_7928ECM DVWXV01.4PHE</p> <p>0CG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>061906027FD_3248061997029I_1514ECM DVWXV02.03PA</p> <p>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</p> <p>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</p> <p>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</p> <p>06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF</p> <p>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</p> <p>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</p> <p>09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59</p> <p>07K906055CS_434107K906055CS_5853ECM DVWXV02.5M59</p> <p>03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</p>				17	17
	<p>Analysis determined software list above calibrations within this report have one of the following concerns:</p> <p>Software designed for other Model - Software was intended for another model</p> <p>No Information Available - Unique software on a low number of vehicles that are not possible to analyze</p> <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</p> <p>Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>061997029D_1509061997029D_1509ECMDVWXJ02.03UA</p> <p>061997029E_1510061997029B_1507ECMDVWXJ02.03UA</p> <p>04E906023_423104E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_468904E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_492004E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_503704E906023_7928ECM DVWXV01.4PHE</p> <p>0CG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>061906027FD_3248061997029I_1514ECM DVWXV02.03PA</p> <p>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</p> <p>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</p> <p>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</p> <p>06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF</p> <p>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</p> <p>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</p> <p>09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59</p> <p>07K906055CS_434107K906055CS_5853ECM DVWXV02.5M59</p> <p>03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</p>				1	1
	<p>Analysis determined software list above calibrations within this report have one of the following concerns:</p> <p>Software designed for other Model - Software was intended for another model</p> <p>No Information Available - Unique software on a low number of vehicles that are not possible to analyze</p> <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</p> <p>Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>061997029D_1509061997029D_1509ECMDVWXJ02.03UA</p> <p>061997029E_1510061997029B_1507ECMDVWXJ02.03UA</p> <p>04E906023_423104E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_468904E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_492004E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_503704E906023_7928ECM DVWXV01.4PHE</p> <p>0CG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>061906027FD_3248061997029I_1514ECM DVWXV02.03PA</p> <p>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</p> <p>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</p> <p>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</p> <p>06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF</p> <p>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</p> <p>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</p> <p>09G927750LE_232909G927750LF_2246TCMDVWXV02.5A59</p> <p>07K906055CS_434107K906055CS_5853ECM DVWXV02.5M59</p> <p>03H906023AJ_390603H906023BE_3908ECM DVWXV03.6U46</p>				33	33
	<p>Analysis determined software list above calibrations within this report have one of the following concerns:</p> <p>Software designed for other Model - Software was intended for another model</p> <p>No Information Available - Unique software on a low number of vehicles that are not possible to analyze</p> <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years</p> <p>Pre-series software installed - Vehicles with pre-series software in the field</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>061997029D_1509061997029D_1509ECMDVWXJ02.03UA</p> <p>061997029E_1510061997029B_1507ECMDVWXJ02.03UA</p> <p>04E906023_423104E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_468904E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_492004E906023_7928ECM DVWXV01.4PHE</p> <p>04E906023_503704E906023_7928ECM DVWXV01.4PHE</p> <p>0CG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>061906027FD_3248061997029I_1514ECM DVWXV02.03PA</p> <p>02E300058P_351002E300058P_3509TCMDVWXV02.03PA</p> <p>02E300053M_009902E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_347602E300058N_3509TCMDVWXV02.03PA</p> <p>02E300058N_350802E300058N_3521TCMDVWXV02.03PA</p> <p>09G927750LE_232909G927750LF_2246TCMDVWXV02.5U3A</p> <p>06K906070A_487806K906070AA_9347ECM DVWXV02.0BSF</p> <p>09G927750HG_163109G927750LM_2252TCMDVWXV02.5A59</p> <p>09G927750LE_179109G927750LF_2246TCMDVWXV02.5A59</p> <p>09G927750LE_232909G927750LF_2246TCMDVWX</p>					

	A	B	C	D	E	F	G	H	I	J	K	L
5514	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5515	Mercedes Benz	MBX	Correction	Submitted	8/8/2019 2:48:08		MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5516	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 9:07:09		MBX-DR-2019-0000483	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5517	Mercedes Benz	MBX	New Submission	Submitted	6/28/2019 9:07:09		MBX-DR-2019-0000483	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5518	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
5519	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
5520	FCA US LLC	CRX	New Submission	Superseded	5/22/2019 7:14:41	8/6/2019 8:34:08	CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
5521	Volkswagen Group of America, Inc.	VGA	New Submission	Superseded	5/24/2019 14:29:49	5/24/2019 14:42:03	VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A8	
5522	BMW	BMX	Correction	Submitted	1/29/2019 10:41:42		BMX-DR-2019-0000019	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S35d xDrive	
5523	BMW	BMX	Correction	Submitted	1/29/2019 10:43:44		BMX-DR-2019-0000020	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	S35d xDrive	
5524	Mercedes Benz	MBX	New Submission	Submitted	7/18/2019 9:22:35		MBX-DR-2019-0000532	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5525	Volvo Car USA, LLC	VXX	Correction	Submitted	2/7/2019 9:49:19		VXX-DR-2018-0000593	Defect Report	DR - Catalyst System			
5526	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/13/2019 10:06:38		VGA-DR-2019-0000128	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Audi	A3 e-tron	
5527	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A8	

	M	N	O	P
5514		DMBXT02.2U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
5515		GMBXV02.1U2B	2016	Electrical Wiring, Sensor, and Actuator Systems
5516		EMBXV02.2U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
5517		EMBXT03.0U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
5518		ECRXV03.6SP0	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5519		FCRXI03.6SP0	2015	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5520		ECRXI03.6SPC	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5521		FVGAI03.0NU4	2015	On-Board Diagnostic (OBD) System
5522		GBMXV03.0NS7	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5523		GBMXV03.0NS7	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5524		FMBXV04.0U2A	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5525		GVVXT02.0U3T	2016	Catalyst System
5526		GVGAV01.4V3B	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5527		GVGAI03.0NU4	2016	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>				
5514				1837	5
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>				
5515				789	0
5516	DAG has determined that insufficient robustness of the exhaust gas temperature sensor with regard to vibration and thermal shock could lead to electrical failures. Vibration or thermal shock might lead to delamination of the conduction, loss of adhesion of the chip in the measuring tip, fracture of the ceramic or disruption of the cement seal. As a result, a fault is stored in the engine co			7730	90
5517	DAG has determined that insufficient robustness of the exhaust gas temperature sensor with regard to vibration and thermal shock could lead to electrical failures. Vibration or thermal shock might lead to delamination of the conduction, loss of adhesion of the chip in the measuring tip, fracture of the ceramic or disruption of the cement seal. As a result, a fault is stored in the engine co			9894	149
5518	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			144948	2634
5519	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			369134	4176
5520	Some 2014-2016 vehicles equipped with a 3.6L Pentastar Classic engine (EHB) may have rocker arm axle/bearings that wear prematurely, causing the rocker arm to function inappropriately. If this should occur, a MIL is illuminated and P-codes P0301-P0306, for misfire, are stored.			40724	655
	<p>Various PVE (U2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</p> <p>DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P2240 and P22A1)</p> <p>Following application of the Approved Emissions Modification (AEM), PVE(U2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMCurrent SoftwareTarget AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA720154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520158K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2 1 SUVQ720154L2910401A 0012 AVA84L2910401A 0014</p> <p>Gen 2 2 SUVfourreg20157P1907401C 0007 AVA87P1907401C 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA720164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520168K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2 2 SUVfourreg20167P1907401C 0007 AVA87P1907401C 0010</p>				
5521				6970	6970
	<p>The affected part number 13538506546 relates to the FUEL RAIL-INJECTOR FUEL LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMW03 0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mls). Please see corresponding EDIR-OG-N57/N47-0311. In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mls). Without the high pressure fuel pump malfunction (leading to the cuttings</p> <p>contamination) the component FUEL RAIL-INJECTOR FUEL LINE is/was working properly and has/had no malfunction.</p> <p>The affected part number 13538506547 relates to the HIGH PRESSURE PIPE (ACCUMULATOR TO INJECTOR). Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMWX</p> <p>Daimler AG has determined that on certain GT-, C- and G-Class vehicles (190, 205 and 463 platforms) the engine control unit software could have a mistake in the calibration data set relating to catalyst heating. In case of the engine being shut down for more than 67 hours, the catalyst heating created by an increase of the idling speed might not be initiated with the next engine start as</p>	6/30/2015	10/30/2016	1209	298
5522		6/30/2015	10/30/2016	1209	298
5524				299	0
	<p>Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor).</p> <p>Initial analysis indicates possible silicon contamination inside the front oxygen sensor.</p> <p>If this condition occurs, DTC code P017100 (MIL), long term fuel trim too lean will be set.</p>				
5525				35747	35747
	<p>Complaint: MIL on</p> <p>DTCs Present: P0456 EVAP SMALL LEAK</p> <p>P04EF EVAP SMALL LEAK - FRESH AIR SIDE</p> <p>Component: EVAP Purge Valve</p> <p>Part Number ? Production: 04E 133 366 CL</p> <p>Part Number ? Replacement: 04E 133 366 CL</p> <p>Part Number ? Analysis: 04E 133 366 CL</p> <p>Analysis: Parts received / analyzed: 13</p> <p>Tested parts showed 100% no trouble found (NTF) when evaluated for vacuum, electrical resistance and functionality.</p> <p>Note: New vehicle Warranty claims were screened and reflected the dealer replacing the Evaporative Valve and lines due to leaks at an occurrence of 14%.</p>				
5526				3571	20
	<p>Various PVE (U2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles:</p> <p>DTCs PresentNox Sensor out-of-range monitor without function (P2202, P2203, P2240 and P22A1)</p> <p>Following application of the Approved Emissions Modification (AEM), PVE(U2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelIMCurrent SoftwareTarget AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA720154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520158K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2 1 SUVQ720154L2910401A 0012 AVA84L2910401A 0014</p> <p>Gen 2 2 SUVfourreg20157P1907401C 0007 AVA87P1907401C 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA720164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520168K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2 2 SUVfourreg20167P1907401C 0007 AVA87P1907401C 0010</p>				
5527				3202	3202

	A	B	C	D	E	F	G	H	I	J	K	L
5528	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	5/24/2019 14:42:03		VGA-DR-2019-0000364	Defect Report	DR - On-Board Diagnostic (OBD) System	Audi	A8	
5529	BMW	BMX	Correction	Submitted	1/29/2019 10:45:32		BMX-DR-2019-0000021	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
5530	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5531	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/19/2019 16:32:12		JLX-DR-2019-0000541	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5532	General Motors LLC	GMX	New Submission	Submitted	2/15/2019 15:18:17		GMX-DR-2019-0000112	Defect Report	DR - On-Board Diagnostic (OBD) System	Chevrolet	MALIBU	
5533	Jaguar Land Rover Limited	JLX	Correction	Submitted	1/29/2019 17:09:44		JLX-DR-2018-0000775	Defect Report	DR - On-Board Diagnostic (OBD) System			
5534	Audi	ADX	New Submission	Superseded	1/29/2019 21:46:10	1/29/2019 22:43:31	ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
5535	Audi	ADX	New Submission	Superseded	1/29/2019 21:46:10	1/29/2019 22:43:31	ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	RS7	
5536	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 11:01:09		JLX-DR-2019-0000551	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5537	Mercedes Benz	MBX	New Submission	Submitted	7/24/2019 13:10:32		MBX-DR-2019-0000552	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			

	M	N	O	P
5528		FVGAJ03.0N14	2015	On-Board Diagnostic (OBD) System
5529		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5530		FJLXV05.0FAM	2015	Electrical Wiring, Sensor, and Actuator Systems
5531		FJLXT05.0002	2015	Electrical Wiring, Sensor, and Actuator Systems
5532		IGMXV01.8C90	2018	On-Board Diagnostic (OBD) System
5533		GJLXT02.0FTP	2016	On-Board Diagnostic (OBD) System
5534		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
5535		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
5536		JJLXT03.0FSP	2018	Electrical Wiring, Sensor, and Actuator Systems
5537		DMBXT02.2U2A	2013	Electrical Wiring, Sensor, and Actuator Systems

	Q	R	S	T	U	
	<p>Various PVE (U2) concerns self-identified following the application of the Approved Emissions Modification (AEM) on certain 3.0L TDI vehicles: DTCs PresentNOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1) Following application of the Approved Emissions Modification (AEM), PVE(U2) Testing and In-Use MIL-On conditions have identified the following concerns outlined in the provided summary.</p> <p>GenerationModelMYCurrent SoftwareTarget AEM C Software Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520158K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.1 SUVQ720154L2910401A 0012 AVAB4L2910401A 0014 Gen 2.2 SUVYouareg20157P1907401C 0007 AVAB7P1907401C 0010 Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCQ520168K5907401AC 0008 BVAB8K5907401AC 0010 Gen 2.2 SUVYouareg20167P1907401C 0007 AVAB7P1907401C 0010</p>					
5528					6970	6970
	<p>The affected part number 16127205304 relates to the REAR FUEL FEED LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDI-OG-NS7/N47-0311). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component REAR FUEL FEED LINE is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298	
	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, may lead to premature component malfunction. Additionally, a deficiency in the Engine Control Module (ECM) calibration may lead to the heated sensing element experiencing thermal shock following water contact leading to sensor malfunction.</p> <p>Both conditions cause the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM), also known as the Powertrain Control Module (PCM).</p>			1936	331	
5532					273	47
5533					9	8
5533					2162	1857
	<p>ComplaintMIL on, EPC indicator on</p> <p>DTCs PresentP001100: Camshaft 7A?? (B1) Timing Over-advanced / System perform. P002100: Camshaft 7A?? (B2) Timing Over-advanced / System perform. P052A00: Cold Start, Camshaft 7A?? (B1) Timing Over-advanced P052C00: Cold Start, Camshaft 7A?? (B2) Timing Over-advanced</p> <p>ComponentCamshaft Adjuster Part Number - Production06E109083Q (intake) 06E109084N (exhaust)</p> <p>Part Number - Replacement06E109083N (intake) 06E109084N (exhaust)</p> <p>Part Number - Analysis 06E109083N (intake) 06E109084N (exhaust)</p> <p>Analysis7 parts received / analyzed 5x06E109 083 N 7 internal locking pin of camshaft adjuster stuck 2x06E109 084 N 7 NTF</p> <p>Note: In the field, failure could not be clearly located between the intake and exhaust camshaft adjusters; therefore, both parts have been replaced at the same time.</p>			5957	206	
5534						
	<p>ComplaintMIL on, EPC indicator on</p> <p>DTCs PresentP001100: Camshaft 7A?? (B1) Timing Over-advanced / System perform. P002100: Camshaft 7A?? (B2) Timing Over-advanced / System perform. P052A00: Cold Start, Camshaft 7A?? (B1) Timing Over-advanced P052C00: Cold Start, Camshaft 7A?? (B2) Timing Over-advanced</p> <p>ComponentCamshaft Adjuster Part Number - Production06E109083Q (intake) 06E109084N (exhaust)</p> <p>Part Number - Replacement06E109083N (intake) 06E109084N (exhaust)</p> <p>Part Number - Analysis 06E109083N (intake) 06E109084N (exhaust)</p> <p>Analysis7 parts received / analyzed 5x06E109 083 N 7 internal locking pin of camshaft adjuster stuck 2x06E109 084 N 7 NTF</p> <p>Note: In the field, failure could not be clearly located between the intake and exhaust camshaft adjusters; therefore, both parts have been replaced at the same time.</p>			5957	206	
5535					22977	919
5537					1844	4

	A	B	C	D	E	F	G	H	I	J	K	L
5538	Jaguar Land Rover Limited	JLX	New Submission	Submitted	7/24/2019 13:42:07		JLX-DR-2019-0000554	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5539	BMW	BMX	New Submission	Superseded	2/28/2019 7:16:02	3/7/2019 5:19:34	BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works Conv	
5540	BMW	BMX	New Submission	Submitted	5/28/2019 9:04:48		BMX-DR-2019-0000368	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	640i xDrive Gran Turismo	
5541	BMW	BMX	New Submission	Submitted	5/28/2019 9:04:48		BMX-DR-2019-0000368	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	540i xDrive	
5542	BMW	BMX	New Submission	Submitted	5/28/2019 9:04:48		BMX-DR-2019-0000368	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	BMW	540i	
5543	Audi	ADX	Correction	Submitted	1/29/2019 22:43:31		ADX-DR-2019-0000052	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	56	
5544	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Volkswagen	TQUREG	

	M	N	O	P
5538		FJLXV02.0FTN	2015	Electrical Wiring, Sensor, and Actuator Systems
5539		CBMXV01.6SPD	2012	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5540		JBMXI03.0BSX	2018	Electrical Wiring, Sensor, and Actuator Systems
5541		JBMXI03.0BSX	2018	Electrical Wiring, Sensor, and Actuator Systems
5542		JBMXI03.0BSX	2018	Electrical Wiring, Sensor, and Actuator Systems
5543		EADXV04.03UJ	2014	Electrical Wiring, Sensor, and Actuator Systems
5544		DADXT03.02UG	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
5538	<p>A manufacturing fault at the supplier results in misalignment within the post-catalyst heated oxygen sensor leading to a side load on a ceramic internal part. This pre-stress, in combination with normal vehicle use, leads to premature component malfunction. The condition causes the Malfunction Indicator Lamp (MIL) to be illuminated and diagnostic trouble codes (DTCs), relevant to the post-catalyst heated oxygen sensors, to be stored in the Engine Control Module (ECM).</p>			2426	221
5539	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services. Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump. Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can affect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination). In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination. In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>	6/30/2011	6/29/2012	1048	435
5540	<p>The affected part numbers 51747497279 and 51137497285 relate to component Upper and Lower AIR FLAPS (Active Grill Shutters). Although all listed models in model year 2018 test group JBM0J03.0B5X are equipped with lower and upper air flaps (active grill shutters), the affected part numbers 51747497279 and 51137497285 solely apply to 5-Series models 540i and 540i xDrive (upper and lower air flaps). The models X3 M40i and 640i xDrive Gran Turismo are equipped with lower and upper air flaps indicated each by different part numbers (but representing the same hardware status). Analyses have shown that component lower air flaps with part number 51137497285 was replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures): The kinematics /component ?spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	6/30/2017	7/30/2018	22268	4855
5541	<p>The affected part numbers 51747497279 and 51137497285 relate to component Upper and Lower AIR FLAPS (Active Grill Shutters). Although all listed models in model year 2018 test group JBM0J03.0B5X are equipped with lower and upper air flaps (active grill shutters), the affected part numbers 51747497279 and 51137497285 solely apply to 5-Series models 540i and 540i xDrive (upper and lower air flaps). The models X3 M40i and 640i xDrive Gran Turismo are equipped with lower and upper air flaps indicated each by different part numbers (but representing the same hardware status). Analyses have shown that component lower air flaps with part number 51137497285 was replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures): The kinematics /component ?spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	6/30/2017	7/30/2018	22268	4855
5542	<p>The affected part numbers 51747497279 and 51137497285 relate to component Upper and Lower AIR FLAPS (Active Grill Shutters). Although all listed models in model year 2018 test group JBM0J03.0B5X are equipped with lower and upper air flaps (active grill shutters), the affected part numbers 51747497279 and 51137497285 solely apply to 5-Series models 540i and 540i xDrive (upper and lower air flaps). The models X3 M40i and 640i xDrive Gran Turismo are equipped with lower and upper air flaps indicated each by different part numbers (but representing the same hardware status). Analyses have shown that component lower air flaps with part number 51137497285 was replaced in about 95% of all cases due to a malfunction detected by the OBD system including fault code storage and MIL illumination (e.g. electrical failure of actuator, stuck shutter, shutter performance). There are two different failures which could cause these valid malfunctions:</p> <p>Failure#1 (about 85% of all valid failures): Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (daubed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>Failure#2 (about 15% of all valid failures): The kinematics /component ?spacer? (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p>	6/30/2017	7/30/2018	22268	4855
5543	<p>Complaint MIL on, EPC indicator on</p> <p>DTCs Present P001100: Camshaft 7A?? (B1) Timing Over-advanced / System perform. P002100: Camshaft 7A?? (B2) Timing Over-advanced / System perform. P052A00: Cold Start, Camshaft 7A?? (B1) Timing Over-advanced P052C00: Cold Start, Camshaft 7A?? (B2) Timing Over-advanced</p> <p>Component Camshaft Adjuster Part Number - Production 06E109083Q (intake) 06E109084N (exhaust)</p> <p>Part Number - Replacement 06E109083N (intake) 06E109084N (exhaust)</p> <p>Part Number - Analysis 06E109083N (intake) 06E109084N (exhaust)</p> <p>Analysis 17 parts received / analyzed 5x06E109083 N 7 internal locking pin of camshaft adjuster stuck 2x06E109084 N 7 NTP</p> <p>Note: In the field, failure could not be clearly located between the intake and exhaust camshaft adjusters; therefore, both parts have been replaced at the same time.</p>			5957	206
5544	<p>Calibration Concerns: Scan Tool Mode \$0A, this is a Non-erasable permanent DTCs (Mode \$0A) for fuel rail pressure monitoring. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) Calibration Concerns: NOx Sensor Rationality monitor, this is a NOx Sensor out-of-range monitor without function (P2202, P2203, P22A0 and P22A1). The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 (Gen 2.1 SUV and July 2, 2018 (Gen 2 PC) Calibration Concerns: Throttle Valve Rationality monitor: The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 Calibration Concerns: Oxidation Catalyst (DOC) efficiency monitor: The issue occurs during high altitude driving conditions, requires replacement of the DOC (impacting durability), and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM Calibration Concerns: Boost system Rationality monitor, Boost system gross leakage monitor with limited function. The issue was discovered during PVE [i][2] testing and was reported to the agencies on May 7, 2018 Calibration Concerns: Engine Control Module (ECM) Inhibit relations, Planned improvements of inhibit relations to avoid additional fault codes and ensure reliable guidance for service. The issue was discovered during PVE [i][2] testing and was reported to the agencies on July 2, 2018. Calibration Concerns: Engine Control Module (ECM) Injection Limitation, Reduction of the fuel injection pattern at high ECM temperatures and low battery voltage. This issue has not caused customer complaints and is unlikely to occur in ordinary driving conditions. Fixing this issue does not require changing the AEM. Calibration Concerns: Service Tester/Tools, Service base setting to adjust idle speed. This is a minor change designed for dealer diagnostics. It does not change the AEM calibration Calibration Concerns: Vehicle Drivability (Poor Fuel Adaptation), Customer complaints regarding drivability during engine warm-up. The issue affects drivability of the vehicle, occurs during ordinary vehicle operation and use, and is caused by a modified calibration in the field fix. To fix this issue will require a modification to the AEM. Calibration Concerns: Reductant Supply Module, The SCR module is being replaced due to a false MIL condition resulting from high temperatures/diagnostic thresholds of consumption deviation monitor. The change will impact the AEM calibration, but the change is not required to fix this Technical Issue. The proposed change is an improvement for the issue, but not a complete solution. Generation Model MYCal1 (DECU/TCU) Gen 2.1 SUVQ720134L2910401A 0012 AVABECU Gen 2.1 SUVVfourreg20137P0907401K 0011 AVABECU Gen 2 PCAB20144G0907401N 0013 BVABECU Gen 2 PCA720144G0907401N 0013 BVABECU Gen 2 PCA820144H0907401F 0013 BVABECU Gen 2 PCCB20148K907401J 0011 BVABECU Gen 2.1 SUVQ720144L2910401A 0012 AVABECU Gen 2.1 SUVVfourreg20147P0907401K 0011 AVABECU Gen 2.1 SUVVfourreg20130C8927750AK 3398TCU Gen 2.1 SUVVfourreg20140C8927750CF 3376TCU Gen 2 PCAB20144G0907715840 1006/1008TCU Gen 2 PCA820144H1927158AM 1008TCU Gen 2 PCA820144H1927158CK 1006TCU Gen 2 PCCB2014 8R0927158Q 1007TCU</p>			3331	3331

	A	B	C	D	E	F	G	H	I	J	K	L
5545	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A8	
5546	Audi	ADX	New Submission	Submitted	1/31/2019 9:06:18		ADX-DR-2019-0000063	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A8L	
5547	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	1/31/2019 9:15:08		VGA-DR-2019-0000062	Defect Report	DR - Computer Related [Other than On-Board Diagnostic (OBD) System]	Audi	A8	
5548	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Durango RWD	
5549	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Journey AWD	
5550	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	RAM	1500 HFE 4x2	
5551	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Dodge	Challenger	
5552	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Chrysler	300	
5553	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler Unlimited 4x4	
5554	FCA US LLC	CRX	New Submission	Superseded	1/31/2019 13:50:44	7/31/2019 11:09:39	CRX-DR-2019-0000065	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	Jeep	Wrangler 4x4	
5555	Jaguar Land Rover Limited	JLX	New Submission	Submitted	8/1/2019 15:48:56		JLX-DR-2019-0000585	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5556	Hyundai Motor Company	HYX	New Submission	Submitted	6/10/2019 16:05:07		HYX-DR-2019-0000426	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	OPTIMA HYBRID	
5557	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	8/2/2019 16:50:31		HMX-DR-2019-0000596	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Honda	CR-V AWD	
5558	FCA US LLC	CRX	Correction	Submitted	8/6/2019 8:34:08		CRX-DR-2019-0000358	Defect Report	DR - Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)			
5559	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI	
5560	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI S	
5561	Suzuki Motor Corporation	SKX	New Submission	Submitted	6/12/2019 12:10:25		SKX-DR-2019-0000348	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	Suzuki	KIZASHI AWD	

	M	N	O	P
5545		EADXI03.04UG	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5546		EADXI03.04UG	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5547		GVGAJ03.0NUN4	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5548		GCRXI05.75P1	2016	Exhaust Gas Recirculation (EGR) System
5549		GCRXI03.65P3	2016	Exhaust Gas Recirculation (EGR) System
5550		HCRXI03.05PV	2017	Exhaust Gas Recirculation (EGR) System
5551		HCRXV06.45P0	2017	Exhaust Gas Recirculation (EGR) System
5552		GCRXV05.75P1	2016	Exhaust Gas Recirculation (EGR) System
5553		HCRXI03.65P1	2017	Exhaust Gas Recirculation (EGR) System
5554		HCRXI03.65P1	2017	Exhaust Gas Recirculation (EGR) System
5555		HJLXT05.0002	2017	Electrical Wiring, Sensor, and Actuator Systems
5556		DHYXV02.4AHN	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5557		KHAXT01.5Y53	2019	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5558		ECRXV03.65P0	2014	Mechanical and Coolant Systems (Variable Compression, Thermostat, etc.)
5559		DSKXV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5560		DSKXV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5561		DSKXV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)

	M	N	O	P
5562		DSKXV2.395F1	2013	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5563		KGMXT05.3382	2019	Emission Control Information Label
5564		HHYXV02.01EP	2017	Ignition System
5565		KBMXJ04.4N63	2019	Air Inlet System (Including Turbo and Superchargers)
5566		JHYXV02.01UF	2018	On-Board Diagnostic (OBD) System
5567		JJLXJ02.0RTX	2018	On-Board Diagnostic (OBD) System
5568		JHNXV03.5LH3	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5569		KHNXV03.5HH3	2019	Computer Related (Other than On-Board Diagnostic (OBD) System)
5570		HHNXV03.5MA3	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5571		KVXXT02.0U70	2019	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5572		HNXSV03.0NHA	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)
5573		JNSXV03.0NHA	2018	Computer Related (Other than On-Board Diagnostic (OBD) System)
5574		FJLXT02.0FTP	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5575		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5576		FVXXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5577		FVXXV02.0S3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	A	B	C	D	E	F	G	H	I	J	K	L
5578	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
5579	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
5580	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
5581	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 FWD	
5582	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC70 FWD	
5583	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	

	M	N	O	P
5578		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5579		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5580		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5581		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5582		FVVXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5583		GVVXV02.0S3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)

	Q	R	S	T	U
5578	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
5579	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
5580	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
5581	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33968	33968
5582	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
5583	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			3874	3874

	A	B	C	D	E	F	G	H	I	J	K	L
5584	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC60 FWD	
5585	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	XC90 AWD	
5586	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	V60 FWD	
5587	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S80 FWD	
5588	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Volvo	S60 FWD	
5589	Volvo Car USA, LLC	VXX	Correction	Submitted	4/26/2019 14:55:09		VXX-DR-2018-0000221	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)			
5590	American Honda Motor Co., Inc.	HNV	New Submission	Superseded	4/26/2019 15:06:36	5/1/2019 13:51:03	HNV-DR-2019-0000292	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Acura	TLX AWD	

	M	N	O	P
5584		GVVXV02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5585		GVVXT02.0U3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5586		FVVXV02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5587		FVVXT02.0U3T	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5588		GVVXV02.053T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5589		GVVXT02.0P3T	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5590		HHNV05.SW4B	2017	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
5584	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			15305	15305
5585	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			33968	33968
5586	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
5587	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			25271	25271
5588	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			3874	3874
5589	<p>Component: Fuel low pressure sensor (LPS). The LPS provides a value for closed loop control of the fuel pressure before the high pressure fuel rail.</p> <p>The circuit board inside the LPS is protected by a gel coating. The analysis of returned warranty parts indicate the gel has been found to be in various states of degradation. If the gel is degraded damage to the circuit board may occur, resulting in an activation of the Malfunction Indicator Lamp (MIL). If the sensor fails table values are used as replacement for the fuel pump target load.</p> <p>The concerned sensor went of production 2016 week 16.</p>			2016	2076
5590	Due to inappropriate PCM software, the 12V battery state of charge may be estimated to be lower than the actual state of charge. As a result, under certain driving conditions the idle stop operation may be incorrectly inhibited.	7/15/2016	3/27/2017	11247	24

	A	B	C	D	E	F	G	H	I	J	K	L
5591	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
5592	Mercedes Benz	MBX	New Submission	Submitted	7/17/2019 8:53:04		MBX-DR-2019-0000524	Defect Report	DR - Exhaust Gas Recirculation (EGR) System			
5593	Kia Motors Corporation	KMX	Correction	Superseded	7/17/2019 11:30:14	9/20/2019 15:21:03	KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Elantra Coupe	
5594	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5595	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5596	Mercedes Benz	MBX	New Submission	Submitted	6/3/2019 5:28:26		MBX-DR-2019-0000388	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5597	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	4/29/2019 17:25:59	5/13/2019 12:10:40	HNX-DR-2019-0000296	Defect Report	DR - On-Board Diagnostic (OBD) System	Acura	MDX AWD	
5598	BMW	BMX	Correction	Submitted	3/7/2019 5:19:34		BMX-DR-2019-0000177	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	Mini	Mini John Cooper Works	
5599	Toyota Motor Corporation	TYX	New Submission	Submitted	2/1/2019 13:07:23		TYX-DR-2019-0000072	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	TOYOTA	TUNDRA 4WD	
5600	Mercedes Benz	MBX	New Submission	Superseded	6/13/2019 3:24:39	8/8/2019 2:48:08	MBX-DR-2019-0000433	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5601	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
5602	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CR-Z	
5603	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/28/2019 20:25:07		HNX-DR-2019-0000228	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Honda	CIVIC HYBRID	
5604	Audi	ADX	New Submission	Submitted	2/11/2019 15:28:01		ADX-DR-2019-0000110	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	Audi	A8	
5605	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe M Performance	

	M	N	O	P
5591		CMBXV03.0U2A	2012	Exhaust Gas Recirculation (EGR) System
5592		CMBXT03.0U2A	2012	Exhaust Gas Recirculation (EGR) System
5593		EKXV02.0EPF	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5594		EMBXT03.0U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
5595		CMBXV03.0U2A	2012	Electrical Wiring, Sensor, and Actuator Systems
5596		DMBXT02.2U2A	2013	Electrical Wiring, Sensor, and Actuator Systems
5597		HHXV03.0HH3	2017	On-Board Diagnostic (OBD) System
5598		BBMXV01.6SPD	2011	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5599		JTYXT05.7M5W	2018	Electrical Wiring, Sensor, and Actuator Systems
5600		EMBXT03.0U2A	2014	Electrical Wiring, Sensor, and Actuator Systems
5601		DHNXV01.5WFB	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5602		EHNXV01.59D2	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5603		EHNXV01.5YFB	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5604		DADXV04.03UJ	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5605		LBNXU03.0B07	2020	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>				
5591				1038	132
	<p>DAG has identified two main root causes, which may lead to replacement of the exhaust gas recirculation valve:</p> <p>1.A sluggish exhaust gas recirculation valve, due to foreign particles or carbon build up, could lead to a deviation during exhaust gas recirculation control. The deviation will result in illumination of the Malfunction Indicator Lamp (MIL), prompting the driver to visit a servicing dealer.</p> <p>2.An external leakage of the exhaust gas recirculation valve through the connection fitting could result in water with coolant entering the engine bay. Due to the leakage of the exhaust gas recirculation valve, the coolant level might drop gradually, resulting in a warning ?check coolant level?? being displayed in the instrument panel.</p>				
5592				6681	284
5593	Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOC control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined BMS data so that catalyst heating is entered (to ensure the catalyst reaches the act			5592	2
5595	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Kerist voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			9894	640
5595	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Kerist voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			1039	0
5596	DAG has identified three main root causes which may cause failure of the up-stream and down-stream NOx sensors. 1) Oscillating signal: An increased resistance in the air-reference-electrode of the sensor may lead to increased Kerist voltage which may cause the modulator to oscillate. This situation leads to a permanent deterioration of the sensor signal quality. 2) Crack due to therm			3000	0
5597	Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient and below the In Use Performance Ratio (IUPR) requirements.	3/1/2017	9/19/2017	2114	0
	<p>The affected part number 13517588879 relates to the high pressure pump from supplier Continental which is also currently used as replacement part in services.</p> <p>Analyses have shown, that in about 90% of all cases due to confirmed malfunctions of the high pressure pump.</p> <p>Main reasons for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft spin. Both malfunctions, which can effect emissions, lead to reduced pressure in the fuel system and result in a pressure fuel pump and engine limp home with noticeable engine performance reduction (including MIL illumination).</p> <p>In addition, the high pressure fuel pump is also replaced due to a sporadically sticking flow control valve which results in fault code storage and occasionally MIL illumination.</p> <p>In the about other 10% of all cases the component high pressure pump was replaced without any corresponding fault code storage and without MIL illumination.</p>				
5598		7/31/2010	6/29/2011	690	321
5599	Certain 2018MY Toyota/Lexus vehicles may exhibit a condition in which the rear O2 sensor monitor may not detect a slow response malfunction within the engine exhaust system at the time of fuel cut operation. The Engine Control Module/ECM logic has been modified to prevent misdetection.			73715	73715
	<p>Daimler has identified two main root causes, which may lead to replacement of the pressure gauge converter.</p> <p>1) The diagnostic thresholds of the pressure gauge converter sensor might be calibrated too sensitively/narrowly. Therefore, in certain circumstances, an error of the pressure gauge converter sensor could be set and the MIL could be activated erroneously. In this case, the sensor is actually not malfunctioning.</p> <p>2) An incorrect position of the gold plates within the pressure gauge converter sensor can lead to internal short circuits to ground. Therefore, an error of the pressure gauge converter sensor could be set and the MIL could be activated.</p>				
5600				7336	327
5601	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P14	1/21/2013	11/14/2013	4159	114
5602	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P14	9/17/2013	7/3/2014	3492	5
5603	The Hybrid (IMA) intelligent inverter unit solder between the circuit board and electrical component may crack due to an inappropriate solder material. When the defect occurs, overheating and an open circuit may cause the MIL, IMA warning light, and battery charging warning light are illuminated by the IMA system failure (P14	2/3/2014	9/25/2014	2266	8
	<p>During an internal review, VW recognized that due to a quality slip, incorrect ECM/TCM Software Calibrations were released to the field.</p> <p>Analysis is determined software list above calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-OBD Phase in - OBD Phase in requirements in MY14 might not be met-No Information Available - Unique software on a low number of vehicles that are not possible to analyze-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years-Pre-series software installed - Vehicles with pre-series software in the field <p>Production SoftwareReplacement SoftwareECM or TCMTest Group 4H1927158BK_10014H1927158BK_1005TCM DADXV04.03UJ 4H1927158BL_10014H1927158BL_1005TCM DADXV04.03UJ 02E300016C_3799 02E300016C_4012 TCM EADXV02.03UA</p>				
5604				2	2
	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>				
5605		2/28/2019	5/7/2019	1139	1139

	A	B	C	D	E	F	G	H	I	J	K	L
5606	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530i	
5607	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Convertible	
5608	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Coupe	
5609	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Convertible	
5610	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	745Le xDrive	
5611	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	740e xDrive	

	M	N	O	P
5606		JBMX02.0B4X	2018	On-Board Diagnostic (OBD) System
5607		HBMXV03.0B2X	2017	On-Board Diagnostic (OBD) System
5608		KBMXV03.0B58	2019	On-Board Diagnostic (OBD) System
5609		HBMXV02.0B4X	2017	On-Board Diagnostic (OBD) System
5610		LBMXV03.0H58	2020	On-Board Diagnostic (OBD) System
5611		JBMXV02.0H48	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
5606	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2017	6/29/2018	6904	6904
5607	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2016	6/29/2017	659	659
5608	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2018	2/27/2019	6181	6181
5609	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	6/30/2016	6/29/2017	2937	2937
5610	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	130	130
5611	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B58, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2017	6/29/2018	340	340

	A	B	C	D	E	F	G	H	I	J	K	L
5612	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Convertible	
5613	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Coupe	
5614	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i Coupe	
5615	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i xDrive Gran Coupe	
5616	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	430i Convertible	
5617	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	750i xDrive (SWB)	

	M	N	O	P
5612		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
5613		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
5614		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
5615		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
5616		LBMXJ02.0B4X	2020	On-Board Diagnostic (OBD) System
5617		LBMXJ04.4N63	2020	On-Board Diagnostic (OBD) System

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L
5618	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	530e	
5619	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	440i Convertible	
5620	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i Coupe	
5621	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	M240i xDrive Coupe	
5622	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i xDrive Sports Wagon	
5623	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	330i	

	M	N	O	P
5618		JBMXV02.0H30	2018	On-Board Diagnostic (OBD) System
5619		JBMXV03.0B58	2018	On-Board Diagnostic (OBD) System
5620		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System
5621		JBMXV03.0B2X	2018	On-Board Diagnostic (OBD) System
5622		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5623		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System

	A	B	C	D	E	F	G	H	I	J	K	L
5624	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	X3 xDrive30i	
5625	BMW	BMX	New Submission	Submitted	6/24/2019 5:49:22		BMX-DR-2019-0000458	Defect Report	DR - On-Board Diagnostic (OBD) System	BMW	230i xDrive Convertible	
5626	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	740iLd xDrive	
5627	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d xDrive Sports Wagon	
5628	BMW	BMX	Correction	Submitted	4/17/2019 7:33:07		BMX-DR-2018-0000733	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
5629	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Challenger	

	M	N	O	P
5624		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5625		KBMXJ02.0B4X	2019	On-Board Diagnostic (OBD) System
5626		FBMXV03.0N57	2015	Exhaust Gas Recirculation (EGR) System
5627		HBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
5628		HBMXV02.0N47	2017	Exhaust Gas Recirculation (EGR) System
5629		JCRXV05.75P1	2018	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
5624	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B55, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
5625	<p>If the OBD monitor for the oxygen sensor heater is detecting a malfunction, the corresponding OBD fault code (pending fault code) is set. Furthermore all other oxygen sensor monitors and the catalyst monitor will be disabled after this pending fault code is set to avoid false diagnostics. Due to a software bug the OBD monitor for the oxygen sensor heater is disabling itself after the pending fault code is set, so that in the following driving cycles the malfunction cannot never be confirmed (no confirmed fault code is set) and MIL will never be illuminated to inform the customer as required by the OBD regulations (a fault healing to reset the stored pending fault code would be also not possible). In case the pending fault code is set as described above, the setting of the oxygen sensor is put back to the original status. Means in case trim adaptations were active at a certain level to ensure emissions are below the standards, there is a reset of these adaptations which could lead to an emission increase (e.g. above the emission standards). The OBD software bug as described above does apply to certain model year 2019 and 2020 models with 4 cylinder engine B46, 6 cylinder engine B55, 8 cylinder engine and 12 cylinder engine N74 produced between 11/2018 and 8th May 2019 and to certain model year 2016, 2017, 2018 and 2019 models produced before 11/2018 but with software flash in service between 11/2018 and about mid of May 2019.</p>	2/28/2019	5/7/2019	63784	63784
5626	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	2/28/2014	6/29/2015	1505	1505
5627	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2016	6/29/2017	1204	1204
5628	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the Intake Manifold and in extremely rare cases result in a possible fire.</p> <p>If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs.</p> <p>These can include:</p> <ul style="list-style-type: none">?Coolant loss with Check-Control-Indication?Loss of power with ? if applicable ? Check-Control-Indication (depending on grade of damage)?Smell of exhaust gas?Unusual noise from the engine compartment?Smoke development from the engine <p>In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017</p>	6/30/2016	6/29/2017	1204	1204
5629	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (?L7?), Chrysler Pacifica (?RU7?), Jeep Grand Cherokee (?WK7?), Dodge Durango (?WD7?) and 6.4L Dodge Challenger (?LA7?) and Dodge Charger (?LD7?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (?CC7?) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			24314	24314

	A	B	C	D	E	F	G	H	I	J	K	L
5630	FCA US LLC	CRX	New Submission	Superseded	1/29/2019 8:46:12	1/29/2019 8:50:58	CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System	Dodge	Challenger	
5631	FCA US LLC	CRX	Correction	Submitted	1/29/2019 8:50:58		CRX-DR-2019-0000023	Defect Report	DR - On-Board Diagnostic (OBD) System			
5632	BMW	BMX	New Submission	Superseded	1/29/2019 7:53:45	1/29/2019 10:36:02	BMX-DR-2019-0000016	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d	
5633	BMW	BMX	New Submission	Superseded	1/29/2019 8:00:02	1/29/2019 10:38:10	BMX-DR-2019-0000017	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	535d xDrive	
5634	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte	
5635	Kia Motors Corporation	KMX	Correction	Submitted	9/20/2019 15:21:03		KMX-DR-2019-0000521	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	KIA	Forte	
5636	Mercedes Benz	MBX	New Submission	Superseded	11/5/2019 10:53:57	11/7/2019 1:32:47	MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5637	Subaru Corporation	FIX	Correction	Submitted	10/31/2019 17:48:27		FIX-DR-2019-0000817	Defect Report	DR - Crankcase Ventilation System			
5638	Kia Motors Corporation	KMX	New Submission	Submitted	11/7/2019 10:00:29		KMX-DR-2019-0000925	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	KIA	Sportage AWD	
5639	Hyundai Motor Company	HYX	Correction	Submitted	11/7/2019 10:39:54		HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	Tucson 4WD	
5640	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 11:27:08		HYX-DR-2019-0000926	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)	HYUNDAI	Tucson 4WD	

	M	N	O	P
5630		JCRXV03.6SP0	2018	On-Board Diagnostic (OBD) System
5631		JCRXT03.6SP5	2018	On-Board Diagnostic (OBD) System
5632		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5633		GBMXV03.0N57	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5634		FKMXV02.0EPP	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5635		GKMXV02.0DFP	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5636		DMBXT02.2U2A	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5637		JFJXJ02.0BUY	2018	Crankcase Ventilation System
5638		GKMXT02.44NE	2016	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5639		EHYXT02.41UE	2014	Evaporative Emissions Systems (including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5640		EHYXT02.42UP	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)

	Q	R	S	T	U
	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7LU??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			74965	74965
5630					
	<p>In Voluntary Safety Recalls U60, U62, U64 and U65, some 2018 3.6L Jeep Wrangler (7LU??), Chrysler Pacifica (7RU??), Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) and 6.4L Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (7CC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>The vehicles noted above within these Voluntary Safety Recalls may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>			281831	281831
5631					
	<p>The affected part number 13537823399 relates to the INJECTOR OIL OVERFLOW RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component INJECTOR OIL OVERFLOW RETURN LINE is/was working properly and has/had no malfunction.</p>	6/30/2015	10/30/2016	1209	298
5632					
	<p>The affected part number 13537823400 relates to the FRONT FUEL RETURN LINE. Analyses have shown that this component in general was replaced in service only in conjunction with component high pressure fuel pump. For component high pressure fuel pump built in Model Year 2016 Test Group GBMXV03.0N57, BMW decided a warranty extension to full useful life (10 years / 120.000mils) (Please see corresponding EDIR-OG-N57/N47-0311) will be submitted after the reporting threshold >4% and >50 cases is exceeded). In case the high pressure fuel pump is malfunctioning and has to be replaced, the BMW services are advised, according to repair instruction, to check all parts in the high pressure fuel system, low pressure fuel system and the fuel tank system. In case any of these parts is contaminated with cuttings (caused by the malfunctioning high pressure fuel pump), these parts have also to be replaced (currently free of charge for the customer due to the BMW warranty 4 years/50.000mils). Without the high pressure fuel pump malfunction (leading to the cuttings contamination) the component FRONT FUEL RETURN LINE is/was working properly and has/had no malfunction.</p> <p>5633 Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOS control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered (to ensure the catalyst reaches the acti</p> <p>5634 Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOS control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered (to ensure the catalyst reaches the acti</p> <p>5635 Some 2014*2016 model year Hyundai Elantra 2.0L, Elantra Coupe 2.0L and Kia Forte 2.0L may exhibit an issue with NMOS control that could lead to an exceeding of the emissions standards under a certain specific condition such as when the catalyst heating control is not activated. Hyundai has refined EMS data so that catalyst heating is entered (to ensure the catalyst reaches the acti</p> <p>5636 The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of ~1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependant on the customer behaviour (i.e. turning the engine off within the limited ~1s</p> <p>5637 The PCV valve, an oil flow control device, may separate and allow engine oil to enter the combustion chamber. If the PCV valve separates and oil enters the combustion chamber, there may be a visible change in the appearance and/or amount of tailpipe exhaust, and if driving under this condition continues, separated componen</p> <p>5638 Some 2011*2016 model year Kia Sportage 2.4L may exceed the ORVR standard. According to the investigation of canister manufacturing process/subpart/production history, an analysis indicates charcoal displacement occurs because defect sponge inside the canister has short length, so displacement occurs with the combination of charcoal being tilted and short sponge length. As a</p>	6/30/2015	10/30/2016	1209	298
5633					
5634					
5635					
5636					
5637					
5638					
	<p>Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard.</p> <p>According to an investigation of canister manufacturing process/subpart/production history, Analysis indicator that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERR) with customer notification.</p>			9735	1
5639					
	<p>Some 2014*2015 model year Hyundai Tucson 2.4 GDI SULEV may exhibit an issue with NMOS control that could lead to an exceedance of the emissions standards. According to the investigation, the main cause is a ECU data calibration which has a deviation of the njector flow quantity, catalyst heating based on the differences of engine mechanical friction and compensation operated by downstream Oxygen sensor. To correct this problem, Hyundai will reprogram the ECU with improved data.</p>			6313	0
5640					

	A	B	C	D	E	F	G	H	I	J	K	L
5641	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport 4WD	
5642	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
5643	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
5644	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	SONATA	
5645	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
5646	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson AWD	

	M	N	O	P
5641		DHYXV02.41UE	2013	Electrical Wiring, Sensor, and Actuator Systems
5642		EHYXV02.42JP	2014	Electrical Wiring, Sensor, and Actuator Systems
5643		BHYXV02.4YPC	2011	Electrical Wiring, Sensor, and Actuator Systems
5644		EHYXV02.41JE	2014	Electrical Wiring, Sensor, and Actuator Systems
5645		GHYXV02.0AHE	2016	Electrical Wiring, Sensor, and Actuator Systems
5646		KHYXV02.4LHS	2019	Electrical Wiring, Sensor, and Actuator Systems

	A	B	C	D	E	F	G	H	I	J	K	L
5647	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Sonata	
5648	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe AWD	
5649	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Santa Fe Sport FWD	
5650	Hyundai Motor Company	HYX	New Submission	Submitted	11/7/2019 12:17:29		HYX-DR-2019-0000860	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	HYUNDAI	Tucson FWD	
5651	Kia Motors Corporation	KMX	New Submission	Submitted	11/8/2019 10:49:09		KMX-DR-2019-0000937	Defect Report	DR - On-Board Diagnostic (OBD) System	KIA	Porte FE	
5652	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 FWD	
5653	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 AWD	
5654	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	V90 CC AWD	
5655	Volvo Car USA, LLC	VVX	New Submission	Submitted	11/8/2019 10:49:34		VVX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 CC AWD	

	M	N	O	P
5647		HHYXV02.4A/P	2017	Electrical Wiring, Sensor, and Actuator Systems
5648		KHYXV02.4MH5	2019	Electrical Wiring, Sensor, and Actuator Systems
5649		HHYXV02.41W5	2017	Electrical Wiring, Sensor, and Actuator Systems
5650		KHYXV02.0LP5	2019	Electrical Wiring, Sensor, and Actuator Systems
5651		LKMXXV02.5CES	2020	On-Board Diagnostic (OBD) System
5652		JVVXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
5653		HVVXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
5654		HVVXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)
5655		HVVXJ02.0U3T	2017	Air Inlet System (Including Turbo and Superchargers)

	A	B	C	D	E	F	G	H	I	J	K	L
5656	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S80 AWD	
5657	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC60 AWD	
5658	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 AWD	
5659	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:49:34		VXX-DR-2019-0000920	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S60 CC AWD	
5660	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC40 AWD	
5661	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	S90 AWD	
5662	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 FWD	
5663	Volvo Car USA, LLC	VXX	New Submission	Submitted	11/8/2019 10:50:30		VXX-DR-2019-0000922	Defect Report	DR - Air Inlet System (Including Turbo and Superchargers)	Volvo	XC90 AWD	
5664	Kia Motors Corporation	KMX	New Submission	Submitted	10/21/2019 11:20:20		KMX-DR-2019-0000804	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	KIA	Rio	
5665	Hyundai Motor Company	HYX	New Submission	Superseded	11/6/2019 17:11:12	11/7/2019 10:39:54	HYX-DR-2019-0000921	Defect Report	DR - Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)	HYUNDAI	TUCSON 2WD	
5666	Volkswagen	VWX	New Submission	Submitted	10/9/2019 8:23:13		VWX-DR-2019-0000743	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	VOLKSWAGEN	JETTA	

	M	N	O	P
5656		FVWXJ03.0U2T	2015	Air Inlet System (Including Turbo and Superchargers)
5657		FVWXJ03.0U2T	2015	Air Inlet System (Including Turbo and Superchargers)
5658		FVWXJ03.0U2T	2015	Air Inlet System (Including Turbo and Superchargers)
5659		JVWXJ02.0125	2018	Air Inlet System (Including Turbo and Superchargers)
5660		KVWXT02.0U70	2019	Air Inlet System (Including Turbo and Superchargers)
5661		KVWXJ02.0U7A	2019	Air Inlet System (Including Turbo and Superchargers)
5662		LVWXJ02.0U70	2020	Air Inlet System (Including Turbo and Superchargers)
5663		JVWXJ02.0A70	2018	Air Inlet System (Including Turbo and Superchargers)
5664		HKMXV01.6DBF	2017	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5665		AHYXT02.4LWS	2010	Evaporative Emissions Systems (Including On-Board Refueling and Vapor Recovery (ORVR) Systems)
5666		9VWXV02.0USN	2009	Exhaust Gas Recirculation (EGR) System

	Q	R	S	T	U
5656	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			19208	54
5657	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			19208	54
5658	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			19208	54
5659	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor). Initial analysis indicates possible silicon contamination inside the front oxygen sensor. If this condition occurs, DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria can be set.			23992	162
5660	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			20771	116
5661	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			28588	1117
5662	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			4923	93
5663	Front oxygen sensor, UHEGO, (linear zirconium sensor, heated air/fuel ratio sensor) software/calibration upgrade to address DTC (MIL) codes associated with O2 performance/detection/faulty or missing signal criteria which may be set.			2865	59
5664	Some 2014*2017 model year Kia Rio 1.6L vehicles have experienced a customer complaint in which certain customers smell fuel inside while they are driving in the city, especially in Stop-and-Go mode at high ambient temperature. According to the investigation, Kia has found that there is a necessity of EMS purge data optimization at the high temperature condition to improve customer			18960	2
5665	Some 2010*2015 model year Hyundai Tucson 2.4L may exceed the ORVR standard. According to an investigation of canister manufacturing process/subpart/production history, Analysis indicates that the displacement of the charcoal occurs nearly immediately. Because the Defect sponge inside the canister is too short in length, so charcoal dislodging occurs with the combination of charcoal tilting and the short sponge length. As a countermeasure, a supplemental canister will be applied between the faulty canister and the Canister Close Valve (CCV) for those canisters that fail an inspection. Hyundai will add the 150cc auxiliary canister for the vehicles that fail an inspection through a voluntary service campaign (VERB) with customer notification.			3729	1
5666	Complaint: MIL on DTCs Present: P0401 (Exhaust Gas Recirculation Flow Insufficient) Components: EGR Filter Part Number ? Incorrect: 1K0253120 Part Number ? Correct: 1K0253120B Analysis: Due to a parts catalog error, an incorrect EGR Filter may have been installed on some vehicles during a past service repair visit. VW will inspect and if needed, replace the EGR filter with the correct service part. -The wrong EGR filter could affect the DPF OBD-diagnosis by not detecting a DPFFault.			2	2

	A	B	C	D	E	F	G	H	I	J	K	L
5667	Jaguar Land Rover Limited	JLX	New Submission	Submitted	10/15/2019 10:08:56		JLX-DR-2019-0000755	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems			
5668	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	S8	
5669	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/22/2019 7:43:23		VGA-DR-2019-0000813	Defect Report	DR - Electrical Wiring, Sensor, and Actuator Systems	Audi	A8	
5670	General Motors LLC	GMX	New Submission	Submitted	10/8/2019 14:27:12		GMX-DR-2019-0000725	Defect Report	DR - Exhaust System (Other than EGR and Catalyst Systems)			
5671	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	
5672	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X5 xDrive35d	
5673	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	X3 xDrive28d	

	M	N	O	P
5667		HJLXT03.0GTR	2017	Electrical Wiring, Sensor, and Actuator Systems
5668		HVGAV04.0NUA	2017	Electrical Wiring, Sensor, and Actuator Systems
5669		HVGAV04.0NUA	2017	Electrical Wiring, Sensor, and Actuator Systems
5670		EGMXJ02.4199	2014	Exhaust System (Other than EGR and Catalyst Systems)
5671		GBMXT02.0N47	2016	Exhaust Gas Recirculation (EGR) System
5672		FBMXT03.0N57	2015	Exhaust Gas Recirculation (EGR) System
5673		HBMXT02.0N47	2017	Exhaust Gas Recirculation (EGR) System

	A	B	C	D	E	F	G	H	I	J	K	L
5674	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
5675	BMW	BMX	New Submission	Submitted	9/27/2019 2:59:37		BMX-DR-2019-0000731	Defect Report	DR - Exhaust Gas Recirculation (EGR) System	BMW	328d	
5676	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	X6 xDrive50i	
5677	BMW	BMX	New Submission	Submitted	10/2/2019 7:54:02		BMX-DR-2019-0000545	Defect Report	DR - Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)	BMW	650i xDrive Convertible	
5678	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 13:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5679	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 13:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5680	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 13:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5681	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 13:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5682	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 13:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5683	Mercedes Benz	MBX	Correction	Submitted	11/7/2019 13:32:46		MBX-DR-2019-0000915	Defect Report	DR - Computer Related (Other than On-Board Diagnostic (OBD) System)			
5684	American Honda Motor Co., Inc.	HNX	Correction	Submitted	11/13/2019 13:34:27		HNX-DR-2019-0000429	Defect Report	DR - On-Board Diagnostic (OBD) System	Honda	ACCORD	

	M	N	O	P
5674		GBMXV02.0N47	2016	Exhaust Gas Recirculation (EGR) System
5675		EBMXV02.0N47	2014	Exhaust Gas Recirculation (EGR) System
5676		GBMXT04.4F15	2016	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5677		FBMXV04.4N63	2015	Fuel Delivery System (Fuel Tank, Pumps, Roll-over Valves, etc.)
5678		CMBXT03.5U2A	2012	Computer Related (Other than On-Board Diagnostic (OBD) System)
5679		DMBXT03.0U2A	2013	Computer Related (Other than On-Board Diagnostic (OBD) System)
5680		EMBX02.2U2A	2014	Computer Related (Other than On-Board Diagnostic (OBD) System)
5681		GBMXV02.1U2B	2016	Computer Related (Other than On-Board Diagnostic (OBD) System)
5682		CMBXV03.0U2A	2012	Computer Related (Other than On-Board Diagnostic (OBD) System)
5683		FBMX02.1U2A	2015	Computer Related (Other than On-Board Diagnostic (OBD) System)
5684		DHNXV02.4NC3	2013	On-Board Diagnostic (OBD) System

	Q	R	S	T	U
	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2015	6/29/2016	1792	1792
5674	<p>Internal BMW Group investigations had revealed that in the case of some diesel vehicles, glycol-leakage from the EGR-Cooler may occur. In combination with typical soot deposits and the high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the intake Manifold and in extremely rare cases result in a possible fire. If the EGR cooler becomes leaky over time, the leaking glycol coolant could lead in combination with soot and oil sediments in the EGR module to ignitable deposits. In very rare cases, the deposits can be ignited by high exhaust gas temperature resulting in melting through spots along the inlet manifold. Hot gases could escape through the openings in the inlet manifold and cause ignition of surrounding parts/components. As a result a thermal incident can occur in extremely rare cases. The fault may only occur during operation. The customer then receives clear signs. These can include: Coolant loss with Check-Control-Indication Loss of power with 7 if applicable 7 Check-Control-Indication (depending on grade of damage) Smell of exhaust gas Unusual noise from the engine compartment Smoke development from the engine In all cases known to us, the driver had sufficient time to park the vehicle safely and to leave the vehicle together with all other occupants safely and unharmed by early recognition of the clear signs. BMW is not aware of any accidents related to this issue. Potential affected could be all Diesel vehicles with 4-cylinder engine N47 (models 328d, 328d xDrive, 328d xDrive Sport Wagon and X3 xDrive 28d) and 6-cylinder engine N57 (models X5 xDrive 35d, 740Li xDrive 535d and 535d xDrive) produced between 07/01/2013 and 05/31/2017).</p>	6/30/2013	6/29/2014	10900	10900
5675	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis has shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>	7/31/2015	7/30/2016	5013	401
5676	<p>The affected part number 13538627842 relates to the FUEL INJECTOR which is used beginning with 04/2017 solely as replacement part in service when original built injector with part number 13537645956 has to be replaced. Fuel injector with part number 13538627842 includes an improvement regarding tightness due to a DLC (Diamond-Like-Carbon) coated ball inside of the injector. The following analysis applies therefore to the original built fuel injector with part number 13537645956.</p> <p>Analysis has shown, that the component has been replaced in about 31% up to 42% (depending on Test Group) due to malfunctions of the component itself. The main reason for those malfunctions could be identified in defective filter material. In case this material shows breaks pollutant particles lead to temporary or steady leakages of the injection valve. These leakages could have an impact on drivability (e.g. bucking engine run) showing misfires, which are detected by OBD system storing a fault code with MIL illumination. More reasonable malfunctions are caused by sooting of the valve injection holes or damaged valves (e.g. breaks in valve seat or broken valve seats).</p> <p>In the other 58% up to 69% (depending on Test group) of all cases, the component injection valve has been replaced although it hasn't had a malfunction itself. Other components like ignition coil, high pressure sensor or ignition plugs have been in those cases the genuine reason for fault code storage and MIL illumination.</p>				
5677	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependent on the customer behaviour (i.e. turning the engine of within the limited "1s	2/28/2014	6/29/2015	11459	963
5678	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependent on the customer behaviour (i.e. turning the engine of within the limited "1s			1	0
5679	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependent on the customer behaviour (i.e. turning the engine of within the limited "1s			10023	0
5680	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependent on the customer behaviour (i.e. turning the engine of within the limited "1s			6378	0
5681	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependent on the customer behaviour (i.e. turning the engine of within the limited "1s			1131	0
5682	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependent on the customer behaviour (i.e. turning the engine of within the limited "1s			1021	0
5683	The Throttle Valve Actuator and Variable Swirl Valve Actuator Monitoring are monitoring continuously for a governor deviation of the throttle valve actuator or swirl valve actuator. For a limited time of "1s the monitors could come to a false pass result, due to the signal processing within the monitor. Dependent on the customer behaviour (i.e. turning the engine of within the limited "1s			4601	0
5684	The OBD system does not detect the Cold Start Idle Air Control System Performance Problem (P050A) even if when the cold start idle air decreases and the emissions exceed the OBD emission thresholds.	8/7/2012	8/20/2013	139031	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	MFR Name	MFR Code	Process Code	EPA Submission Status	Report Timestamp	Last Modified Timestamp	EPA Compliance Report ID	Compliance Report Type	EPA Compliance Report Name	Make	Models	Affected Displacements	Affected Transmissions	Test group	Model Year
2	Audi	ADX	New Submission	Submitted	5/4/2018 9:32:09		ADX-RR-2018-0000085	Recall Report	RR	Audi	A6 QUATTRO			BADXXV04.2365	2011
3	Audi	ADX	New Submission	Submitted	5/4/2018 9:32:09		ADX-RR-2018-0000085	Recall Report	RR	Audi	A8			AADXV04.2365	2010
4	Audi	ADX	New Submission	Submitted	5/4/2018 9:32:09		ADX-RR-2018-0000085	Recall Report	RR	Audi	S5			AADXV04.2365	2010
5	BMW	BMX	New Submission	Superseded	5/3/2018 12:09:59	7/25/2018 19:37:55	BMX-RR-2018-0000074	Recall Report	RR					FBMXV04.4563	2015
6	FCA US LLC	CRX	New Submission	Submitted	5/8/2018 12:51:00		CRX-RR-2018-0000049	Recall Report	RR	ALFAROMEO	Giulia			HCRXJ02.05P0	2017
7	Volkswagen	VWX	New Submission	Superseded	4/25/2018 15:19:36	5/4/2018 9:46:17	VWX-RR-2018-0000060	Recall Report	RR	Volkswagen	Passat			DVWXV02.0U4S	2013
8	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	GOLF			EVWXV02.0USN	2014

Q		R	S
1	Remediation Description	Owner Notif Start DT	Number Involved in Recall
2	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	12/28/2017	106
3	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	12/28/2017	2741
4	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	12/28/2017	2741
5	The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.	2/7/2018	1844
6	FCA US will conduct a Customer Satisfaction Notification (T57) on affected vehicles to reprogram the PCM, TCM and visually inspect the EGR temperature sensor on certain vehicles within a build date range, for a crack and replace if necessary.	4/26/2018	9740
7	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K4) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	5/24/2018	39778
8	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Rap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017	8/11/2017	51249

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
9	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	Jetta			BVWXV02.0U5N	2011
10	BMW	BMX	New Submission	Submitted	5/11/2018 14:47:49		BMX-RR-2018-0000127	Recall Report	RR					EBMXT03.0N57	2014
11	BMW	BMX	New Submission	Superseded	5/11/2018 14:51:57	7/25/2018 20:36:42	BMX-RR-2018-0000125	Recall Report	RR					DBMXV04.4N63	2013
12	Toyota Motor Corporation	TYX	New Submission	Submitted	5/22/2018 10:36:29		TYX-RR-2018-0000151	Recall Report	RR	TOYOTA	CAMRY			JTYXV02.5F3A	2018
13	Toyota Motor Corporation	TYX	New Submission	Submitted	5/22/2018 10:36:29		TYX-RR-2018-0000151	Recall Report	RR	TOYOTA	CAMRY/LE/SE			JTYXV02.5F3A	2018
14	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q50S	2.0		HNXSV02.0N1A	2017
15	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q50	2.0		JNSXV02.0N1A	2018
16	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q50 AWD	2.0		SNXSV02.0N1A	2016
17	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q50	2.0		GNXSV02.0N1A	2016
18	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q60	2.0		HNXSV02.0N1A	2017
19	FCA US LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee 4x4 Active Drive II			JCRXT02.45P3	2018
20	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	Chevrolet	EQUINOX			JGMXT02.0100	2018
21	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					DHNXV03.5VC3	2013
22	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					BHNXV02.4RC3	2011
23	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					DHNXV01.5Y02	2013
24	BMW	BMX	Correction	Submitted	7/25/2018 19:37:55		BMX-RR-2018-0000074	Recall Report	RR					EBMXV04.4N63	2014
25	BMW	BMX	New Submission	Submitted	7/25/2018 20:22:34		BMX-RR-2018-0000336	Recall Report	RR					GBMXT02.0H20	2016
26	BMW	BMX	New Submission	Submitted	7/27/2018 11:09:26		BMX-RR-2018-0000335	Recall Report	RR					FBMXV01.6N18	2015
27	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA			GTYYV01.8BEC	2016
28	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	SCION	iM			GTYYV01.8MEB	2016
29	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA			HTYYV01.8B6A	2017

	Q	R	S
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I).</p> <p>All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017</p>	8/11/2017	51339
	<p>1. New sensor element (KP02).</p> <p>2. New sensor element (KP02).</p> <p>3. Optimized application and sensor installation position.</p> <p>10. 4. New sensor element (KP02).</p>	4/20/2018	4036
	<p>11. The corrective measure consists of modifying the high pressure fuel pump gasoline filter. The filter and filter housing will be designed with a more robust material to prevent deterioration. The filter material PA is replaced with PEEK and filter housing material PA is replaced with PPA.</p> <p>12. Notifications to owners of the affected vehicles will occur by late May 2018. A sample of the owner notification letter has been included for the reference.</p> <p>13. Notifications to owners of the affected vehicles will occur by late May 2018. A sample of the owner notification letter has been included for the reference.</p> <p>14. Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.</p> <p>15. Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.</p> <p>16. Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.</p> <p>17. Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.</p> <p>18. Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.</p> <p>19. FCA US will perform an emissions-related voluntary safety recall (U39) on affected vehicles to inspect the fuel supply tube for damage and replace those that are torn or have partial material loss.</p>	4/20/2018 5/25/2018 5/25/2018 7/30/2018 7/30/2018 7/30/2018 7/30/2018 7/30/2018 7/30/2018 5/24/2018	17278 1700 1700 7917 844 6856 6856 7917 7917 1872
	<p>20. General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.</p> <p>21. Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.</p> <p>22. Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.</p> <p>23. Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.</p>	6/19/2018 8/15/2018 8/15/2018 8/15/2018	375 5 65 1
	<p>The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.</p>	2/7/2018	15264
	<p>To eliminate this problem, a more robust hardware (gel with a better fuel resistance) has been used in production and as replacement part since 03/2017 for all models. The pressure-temperature sensor built in the i8 is integrated in the fuel pump. Therefore, the fuel pump must be replaced in case of a malfunction on i8 models.</p>	6/15/2018	5362
	<p>To eliminate this problem, Dow-Corning sealant will be used on the thermostat pins to prevent corrosion.</p>	4/27/2018	19628
	<p>27. Any authorized Toyota dealer will inspect the CVT control software and, if necessary, perform an update for that software at NO CHARGE. After inspecting the software and, if necessary, performing the software update, the CVT solenoid valve controlling the gear ratio in the CVT will be inspected and, if necessary, the CVT valve bod</p>	8/8/2018	354958
	<p>28. Any authorized Toyota dealer will inspect the CVT control software and, if necessary, perform an update for that software at NO CHARGE. After inspecting the software and, if necessary, performing the software update, the CVT solenoid valve controlling the gear ratio in the CVT will be inspected and, if necessary, the CVT valve bod</p>	8/8/2018	17750
	<p>29. Any authorized Toyota dealer will inspect the CVT control software and, if necessary, perform an update for that software at NO CHARGE. After inspecting the software and, if necessary, performing the software update, the CVT solenoid valve controlling the gear ratio in the CVT will be inspected and, if necessary, the CVT valve bod</p>	8/8/2018	280711

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
30	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	VERSA	1.6		CNSXV01.6G4A	2012
31	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA FE+	1.8		DNSXV01.8G1A	2013
32	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE FWD	2.5		GNSXT02.5G5D	2016
33	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		ENSXV02.585A	2014
34	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE AWD	2.5		HNSXT02.5P5A	2017
35	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE FWD	2.5		ENSXT02.5G5D	2014

	Q	R	S
30	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	3528
31	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	5383
32	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	7009
33	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	2277
34	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	9843
35	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1647

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
36	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE AWD	2.5		FNSXT02.5G5B	2015
37	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMKT01.5095	2018
38	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	Jetta			EVWXX02.0B5F	2014
39	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Passat			HVGAV02.0VPD	2017
40	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Passat			GVGAV02.0VPD	2016
41	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Jetta			GVGAV02.0VBD	2016
42	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	FIAT	500L			HCRXU01.4SP0	2017

	Q	R	S
36	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1107
37	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	36
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	46017
38			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018	8/30/2018	116865
39			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018	8/30/2018	93349
40			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018	8/30/2018	24901
41			
42	FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 2un-suspend?? the OBD monitors.	8/31/2018	1061

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
43	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	FIAT	124 Spider			JCRXJ01.45PO	2018
44	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 2WD			HTYXT02.7MSP	2017
45	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			BTYXV03.58EB	2011
46	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			8TYXV03.58EB	2008
47	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			9TYXV03.58EB	2009
48	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450H			8TYXV03.5CC4	2008
49	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			7TYXV03.58EB	2007
50	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			7TYXV03.58EB	2013
51	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			DTYXV03.58EB	2013
52	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			9TYXV03.58EB	2009
53	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			ATYXV03.58EB	2010
54	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			7TYXV03.58EB	2007
55	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			7TYXV03.58EB	2007
56	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450H			9TYXV03.5CC4	2009
57	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			9TYXV03.58EB	2009
58	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			7TYXV03.58EB	2007
59	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			8TYXV03.58EB	2008
60	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			8TYXV03.58EB	2008
61	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			DTYXV03.58EB	2013
62	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			ATYXV03.58EB	2010
63	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450H			7TYXV03.5CC1	2007
64	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/14/2018 20:15:16		HNX-RR-2018-0000584	Recall Report	RR	Acura	NSX			HHNXV03.5KH4	2017
65	Mercedes-Benz	MBX	New Submission	Submitted	9/25/2018 10:41:02		MBX-RR-2018-0000600	Recall Report	RR					JMBXV04.0U2A	2018
66	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/21/2018 8:09:07		VGA-RR-2018-0000595	Recall Report	RR	Volkswagen	Atlas			JVGA03.6VAS	2018
67	Ford Motor Company	FMX	New Submission	Submitted	9/28/2018 16:35:00		FMX-RR-2018-0000607	Recall Report	RR					JFMXT03.54JK	2018
68	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXV03.65PA	2018
69	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT03.65PC	2018
70	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 14:13:13		CRX-RR-2018-0000633	Recall Report	RR					JCRVU02.05PO	2018
71	FCA US LLC	CRX	New Submission	Submitted	10/18/2018 15:30:46		CRX-RR-2018-0000635	Recall Report	RR	Jeep	Cherokee 4x4			KCRXT02.45PA	2019
72	FCA US LLC	CRX	New Submission	Submitted	10/19/2018 8:06:25		CRX-RR-2018-0000586	Recall Report	RR	Jeep	Cherokee FWD			KCRXT02.05PO	2019
73	Porsche AG	PRX	New Submission	Submitted	10/3/2018 12:47:31		PRX-RR-2018-0000610	Recall Report	RR	Porsche	Panamera Turbo	4.0L	Automatic.	HPRXV04.0PV8	2017
74	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT	4HNXV02.4KCV	2004
75	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					CHNXV01.53FB	2012
76	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	ACURA	3.2TL	3.2L	SAT	3HNXV03.2BYT	2003
77	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT	7HNXV02.4CMC	2007
78	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					PHNXV03.5GAI	2015
79	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	INSIGHT	1.0L	CVT	3HNXV01.0PCE	2003
80	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 17:31:54		NSX-RR-2018-0000671	Recall Report	RR	INFINITI	QX60 PWD			JNSXT03.5P7A	2018
81	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 17:31:54		NSX-RR-2018-0000671	Recall Report	RR	NISSAN	PATHFINDER 4WD			JNSXT03.5P7A	2018

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82	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 7:35:35		VGA-RR-2018-0000651	Recall Report	RR	Volkswagen	Touareg			FVGAT03.0NU2	2015
83	Audi	ADX	New Submission	Submitted	10/23/2018 16:31:25		ADX-RR-2018-0000646	Recall Report	RR	Volkswagen	TouAREG			94DXT03.03LD	2009
84	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/20/2018 18:47:31	3/27/2019 15:07:03	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V FWD			JHNXT01.51R3	2018
85	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/19/2018 18:20:17	3/28/2019 12:55:53	HNX-RR-2018-0000795	Recall Report	RR	Honda	CR-V AWD			HHNXT01.54R3	2017
86	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					EMBXV02.0U2A	2014
87	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					HMBXT03.0U2B	2017
88	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					GMBXV02.0U2A	2016
89	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO CONVERTIBLE			JMAXV04.7LEV	2018
90	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			FMAXV04.7LEV	2015
91	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	QUATTROPORTE			CMAXV04.7LEV	2012
92	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Honda	ACCORD			GHNVV03.5FH3	2016
93	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Honda	ACCORD			GHNVV03.5KX3	2016
94	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX FWD A-SPEC			JHNVV03.5UH3	2018
95	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX FWD			KHNVV03.5HH3	2019
96	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			ECRXV05.75P0	2014
97	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			DCRXV05.7VP1	2013
98	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	8/8/2019 20:08:22		HNX-RR-2019-0000610	Recall Report	RR	Honda	CR-V FWD			KH NXT01.5P33	2019
99	Toyota Motor Corporation	TYX	New Submission	Submitted	3/13/2019 15:04:49		TYX-RR-2019-0000205	Recall Report	RR	TOYOTA	COROLLA HATCHBACK MANUAL			KTYXV02.0N48	2019
100	Toyota Motor Corporation	TYX	New Submission	Superseded	3/8/2019 17:08:24	3/28/2019 14:52:20	TYX-RR-2019-0000198	Recall Report	RR	TOYOTA	CAMRY HYBRID XLE/SE			KTYXV02.5P33	2019
101	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:55:24		NSX-RR-2019-0000195	Recall Report	RR	NISSAN	ALTIMA			KNSXV02.5RPA	2019
102	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:55:24		NSX-RR-2019-0000195	Recall Report	RR	NISSAN	ALTIMA AWD SR/PLATINUM			KNSXV02.5RPA	2019
103	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:55:24		NSX-RR-2019-0000195	Recall Report	RR	NISSAN	ALTIMA AWD			KNSXV02.5RPA	2019
104	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	HYUNDAI	Elantra			FKMXV02.0EFP	2015
105	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2019 13:09:57		TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			CTYXT04.6BEX	2012
106	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2019 13:09:57		TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			ATYXT04.6BEX	2010

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82	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	7/26/2018	2091
83	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	7/26/2018	817
84	<p>To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-010-00 (HNX-RR-2018-0000795) previously launched in 21 affected cold weather states and those repairs are listed below:</p> <p>Repair #1: Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p> <p>Some vehicles had the updated A/C unit ECU installed as a part of a running change and would require only those repairs listed in repair #2 below.</p> <p>Repair #2: Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p>	1/28/2019	312816
85	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	12/17/2018	122155
86	Daimler AG will extend the emissions warranty of the affected camshaft adjuster to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onwards.	3/13/2019	5359
87	Daimler AG will extend the emissions warranty of the affected camshaft adjuster to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onwards.	3/13/2019	20670
88	Daimler AG will extend the emissions warranty of the affected camshaft adjuster to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onwards.	3/13/2019	2527
89	MNA has decided to do a voluntary emissions recall (#373) for MYs 2011-2015 and a service campaign (#374) for MYs 2016-2018 vehicles to 7re-flash?? or upload a new software version into the engine control module, free of charge.	2/7/2019	1732
90	MNA has decided to do a voluntary emissions recall (#373) for MYs 2011-2015 and a service campaign (#374) for MYs 2016-2018 vehicles to 7re-flash?? or upload a new software version into the engine control module, free of charge.	2/7/2019	1682
91	MNA has decided to do a voluntary emissions recall (#373) for MYs 2011-2015 and a service campaign (#374) for MYs 2016-2018 vehicles to 7re-flash?? or upload a new software version into the engine control module, free of charge.	2/7/2019	2480
92	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	27670
93	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	16533
94	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	20399
95	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	15713
96	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	10587
97	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	8811
98	The repair is to replace the fuel tank.	9/16/2019	119
99	The transmission and torque converter will be replaced with new parts not affected by this condition, FREE OF CHARGE.	3/22/2019	3424
100	Any authorized Toyota dealer will inspect the fuel filler pipe to confirm if it is properly installed and, IF NECESSARY, replace the fuel filler pipe FREE OF CHARGE.	3/22/2019	140
101	Nissan dealer technicians will inspect the front exhaust tube to confirm the part specification currently installed on the vehicles. If necessary, the technician will then replace any non-US specification tube with the correct part.	3/18/2019	6
102	Nissan dealer technicians will inspect the front exhaust tube to confirm the part specification currently installed on the vehicles. If necessary, the technician will then replace any non-US specification tube with the correct part.	3/18/2019	6
103	Nissan dealer technicians will inspect the front exhaust tube to confirm the part specification currently installed on the vehicles. If necessary, the technician will then replace any non-US specification tube with the correct part.	3/18/2019	6
104	KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.	8/8/2019	6076
105	KIA will reprogram the ECU through a voluntary service campaign.	8/8/2019	7327
106	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed.	8/8/2019	10943

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
107	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	CX-5 4WD			KTXXD2.5CDA	2019
108	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	CX-5 2WD			JTKXT02.5CDA	2018
109	Audi	ADX	New Submission	Submitted	8/12/2019 15:19:38		ADX-RR-2019-0000632	Recall Report	RR	Audi	A7 quattro			EADXJ03.04UG	2014
110	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	488 Special Series Coupe			JFEXV03.9TUR	2018
111	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	GTCLusso T			JFEXV03.9TUR	2018
112	Toyota Motor Corporation	TYX	New Submission	Submitted	8/15/2019 14:03:57		TYX-RR-2019-0000644	Recall Report	RR	TOYOTA	PRIUS c			KTYXV01.5P34	2019
113	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	CAMRY			JTYXV03.5M58	2018
114	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	LEXUS	RX 350 AWD			JTYXT03.5M5M	2018
115	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	LEXUS	RX 350			JTYXT03.5M5M	2018
116	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	SIENNA			JTYXT03.5M5M	2018
117	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	SEQUOIA 4WD FFV			JTYXT05.7M58	2018
118	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	HIGHLANDER			JTYXT03.5M5M	2018
119	Hyundai Motor Company	HYX	New Submission	Superseded	8/19/2019 14:55:04	8/19/2019 15:06:38	HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G80 RWD			JHYXV03.31Y6	2018
120	Hyundai Motor Company	HYX	New Submission	Superseded	8/19/2019 14:55:04	8/19/2019 15:06:38	HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G90 RWD			JHYXV03.31MF	2018
121	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	KIA	Optima			JHYXV02.4AJ5	2018
122	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 2Dr			KHNV01.5GH2	2019
123	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 4Dr			KHNV01.5GH2	2019
124	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 2Dr			KHNV02.0CL3	2019

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
125	FCA US LLC	CRX	New Submission	Submitted	4/4/2019 12:15:02		CRX-RR-2019-0000255	Recall Report	RR					KCRXV03.65PB	2019
126	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER AWD LE			JTYXT03.5M5M	2018
127	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	SIENNA			HTYXT03.5M5M	2017
128	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:18:30	4/24/2019 12:41:48	NSX-RR-2019-0000284	Recall Report	RR	NISSAN	ALTIMA SR/PLATINUM			KNSXV02.58PA	2019
129	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:18:30	4/24/2019 12:41:48	NSX-RR-2019-0000284	Recall Report	RR	NISSAN	ALTIMA AWD SR/PLATINUM			KNSXV02.58PA	2019
130	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:38:32		CRX-RR-2019-0000028	Recall Report	RR	Dodge	Durango AWD			JCRXT03.65P5	2018
131	Audi	ADX	Correction	Submitted	5/1/2019 10:49:18		ADX-RR-2019-0000304	Recall Report	RR	Audi	A7 quattro			EADXJ03.04UG	2014
132	FCA US LLC	CRX	New Submission	Submitted	2/15/2019 12:03:15		CRX-RR-2019-0000150	Recall Report	RR	Jeep	Grand Cherokee 4X4			ECRXT03.65PA	2014
133	Ford Motor Company	FMX	New Submission	Submitted	7/22/2019 9:08:31		FMX-RR-2019-0000542	Recall Report	RR					KFMXV02.3UV	2019
134	Ford Motor Company	FMX	New Submission	Submitted	7/22/2019 9:08:31		FMX-RR-2019-0000542	Recall Report	RR					KFMXT02.02IU	2019
135	Ford Motor Company	FMX	New Submission	Submitted	7/22/2019 9:08:31		FMX-RR-2019-0000542	Recall Report	RR					KFMXT02.72IQ	2019
136	Subaru Corporation	FIJ	New Submission	Submitted	1/29/2019 21:17:44		FIJ-RR-2018-0000809	Recall Report	RR	Subaru	XV CROSSTREK AWD			DFXIJ02.5NKR	2013
137	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					FCRXV06.45P1	2015
138	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					ECRXV06.45P0	2014
139	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					ECRXV03.65P0	2014

	Q	R	S
140	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
141	This SSC instructs any authorized Lexus dealer will perform a software update to the engine ECU FREE OF CHARGE to owners.	1/30/2019	2430
142	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	22285
143	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	6231
144	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
145	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <ul style="list-style-type: none"> (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve. (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants. 	8/9/2019	6807
146	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <ul style="list-style-type: none"> (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve. (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants. 	8/9/2019	6331
147	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <ul style="list-style-type: none"> (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve. (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants. 	8/11/2019	6312
148	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s); P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	31261

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
149	Audi	ADX	New Submission	Submitted	2/28/2019 9:48:51		ADX-RR-2019-0000180	Recall Report	RR	Volkswagen	GTI			CADXV02.03PA	2012
150	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			GHNVV01.53H2	2016
151	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			HHNVV01.5562	2017
152	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			JHNVV01.5362	2018
153	Ford Motor Company	FMX	New Submission	Submitted	3/29/2019 9:37:00		FMX-RR-2019-0000230	Recall Report	RR					KFMXT03.03D2	2019
154	Ford Motor Company	FMX	New Submission	Submitted	3/29/2019 9:37:00		FMX-RR-2019-0000230	Recall Report	RR					JFMXT03.03D2	2018
155	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Beetle Convertible			GVGAV02.0VPD	2016
156	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	CC			PVGAV02.0VPE	2015
157	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	4/15/2019 18:40:22		HNX-RR-2019-0000273	Recall Report	RR	Honda	CR-V AWD			KHNXT01.5VS3	2019

	P
	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300054M_260702E300054M_260702TCMCADXXV02.03UA</p> <p>02E300057Q_310702E300057Q_3118TCMCADXXV02.03UA</p> <p>02E300057Q_311909G927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03UA</p> <p>02E300058N_350102E300058N_3505TCMCADXXV02.03UA</p> <p>02E300058N_351002E300058N_3509TCMCADXXV02.03UA</p> <p>09G927750HC_11109G927750LR_2062TCMCADXXV02.03UA</p> <p>09G927750MN_223909G927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03PA</p> <p>02E300057R_311402E300058N_3509TCMDADXXV02.03UA</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300058P_351502E300058P_3509TCMDADXXV02.03UA</p> <p>02E300058P_351002E300058P_3509TCMDADXXV02.03PA</p> <p>1K0907115AF_00101K0907115AT_0020ECMEADXXV02.03PA</p> <p>02E300058P_350902E300058P_3510TCMEADXXV02.03PA</p>
149	
153	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
154	
155	
157	

	Q	R	S
149	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
150	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>A part of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	57213
151	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>A part of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	72400
152	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.	4/11/2019	61710
153	Dealers will replace the EGR bypass valve with a revised part.	3/11/2019	22
154	Dealers will replace the EGR bypass valve with a revised part.	3/11/2019	10544
155	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	36
156	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
157	<p>The repair procedure is to update the PCM software and inspect the 12V battery.</p> <p>Based on the inspection results, the 12V battery may also need to be recharged or may be replaced if it fails diagnostics. If required, any DTC's will be cleared and VSA sensor neutral position memorization will be completed.</p>	5/15/2019	87996

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
158	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta			EVWV02.03PA	2014
159	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			DVWXV02.5A59	2013
160	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	BEETLE			DVWXV02.5A59	2013
161	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	TOUAREG			CVWXT03.6U76	2012
162	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	CC			DVWXJ02.03UA	2013
163	Subaru Corporation	FIX	New Submission	Submitted	7/1/2019 9:29:09		FIX-RR-2019-0000445	Recall Report	RR	Subaru	OUTBACK			GFJXJ02.5HRV	2016
164	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	Jeep	Renegade 4x2			HCRXJ02.45PA	2017

	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <p>-OBD Phase in - OBD Phase in requirements in MY14 might not be met</p> <p>-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.</p> <p>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze</p> <p>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>-Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>[Mode A Concerns]</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OC8927750_18190C8927750CG_2665TCMCVWX03.6U76</p> <p>OC8927750AL_19770C8927750CG_2665TCMCVWX03.6U76</p> <p>O2E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>O2E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>O2E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>O2E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>O96927750PH_2602096927750UH_2251TCMCVWX02.5259</p> <p>O2E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>O2E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>O2E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>O2E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWXV01.4PHE</p>
158	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <p>-OBD Phase in - OBD Phase in requirements in MY14 might not be met</p> <p>-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.</p> <p>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.</p> <p>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>-Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>[Mode A Concerns]</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OC8927750_18190C8927750CG_2665TCMCVWX03.6U76</p> <p>OC8927750AL_19770C8927750CG_2665TCMCVWX03.6U76</p> <p>O2E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>O2E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>O2E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>O2E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>O96927750PH_2602096927750UH_2251TCMCVWX02.5259</p> <p>O2E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>O2E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>O2E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>O2E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWXV01.4PHE</p>
159	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <p>-OBD Phase in - OBD Phase in requirements in MY14 might not be met</p> <p>-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.</p> <p>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.</p> <p>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>-Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>[Mode A Concerns]</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OC8927750_18190C8927750CG_2665TCMCVWX03.6U76</p> <p>OC8927750AL_19770C8927750CG_2665TCMCVWX03.6U76</p> <p>O2E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>O2E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>O2E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>O2E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>O96927750PH_2602096927750UH_2251TCMCVWX02.5259</p> <p>O2E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>O2E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>O2E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>O2E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWXV01.4PHE</p>
160	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <p>-OBD Phase in - OBD Phase in requirements in MY14 might not be met</p> <p>-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.</p> <p>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.</p> <p>-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>-Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>[Mode A Concerns]</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OC8927750_18190C8927750CG_2665TCMCVWX03.6U76</p> <p>OC8927750AL_19770C8927750CG_2665TCMCVWX03.6U76</p> <p>O2E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>O2E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>O2E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>O2E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>O96927750PH_2602096927750UH_2251TCMCVWX02.5259</p> <p>O2E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>O2E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>O2E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>O2E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>O2E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>O2E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWXV01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWXV01.4PHE</p>
161	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <p>-OBD Phase in - OBD Phase in requirements in MY14 might not be met</p> <p>-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.</p> <p>-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.</p> <p>-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.</p> <p>-Possible CO2 Impact - Software</p>

	Q	R	S
158	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	39
159	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	10
160	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	10
161	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
162	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	196
163	For all affected vehicles the front exhaust pipe will be replaced with the correct part.	6/3/2019	248
164	FCA US will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
165	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	FIAT	500X			GCRXJ02.45P4	2016
166	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	Jeep	Renegade 4x2			FCRXJ02.45PA	2015
167	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR	KIA	Sorento FWD			KXMXV03.3J15	2019
168	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					HMBXJ03.0U2A	2017
169	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					GMBXV03.0U2A	2016
170	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC SDr			JHNXV01.5TH2	2018
171	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC SDr			HHNXV01.5XH2	2017
172	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			HHNXV01.5XH2	2017
173	Toyota Motor Corporation	TYX	New Submission	Superseded	1/28/2019 13:47:06	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			ATYXV01.3HC3	2010
174	Toyota Motor Corporation	TYX	New Submission	Superseded	1/28/2019 13:47:06	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS v			ETYXV01.3CCU	2014
175	American Honda Motor Co., Inc.	HNX	Correction	Submitted	3/28/2019 12:55:53		HNX-RR-2018-0000795	Recall Report	RR	Honda	CR-V AWD			HHNXV01.54R3	2017
176	Toyota Motor Corporation	TYX	Correction	Submitted	3/28/2019 14:52:20		TYX-RR-2019-0000198	Recall Report	RR	TOYOTA	AVALON HYBRID XLE			KTYXV02.5F33	2019
177	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			BTYXV01.3HC3	2011

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	Some 2015 -2017 MY JeepL Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating. Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.
165	
	Some 2015 -2017 MY JeepL Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating. Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.
166	
	Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate. 167 Kia will replace the misprinted filler caps with the right ones. 168 Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo 169 Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo
170	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
171	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
172	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
173	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormaly hig
174	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormaly hig
175	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or an abnormal engine whirling noise.
176	There was a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicles could leak fuel and may not meet certain U.S. federal motor vehicle safety standard requirements. In the presence of an ignition source, a fuel leak could increase the risk of a fire.
177	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormaly hig

	Q	R	S
165	FCAUS will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	90311
166	FCAUS will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	23743
167	Kia will replace the oil filler caps through a dealer service campaign free of charge.	9/2/2019	714
168	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onwa	3/13/2019	7470
169	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onwa	3/13/2019	152
	To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:		
170	Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	77175
	To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:		
171	Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	84018
	To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:		
172	Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	84018
173	This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assemb	1/28/2019	250535
174	This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assemb	1/28/2019	24724
	Repair #1: Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software, and the A/C unit ECU with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.		
	Some vehicles had the updated A/C unit ECU installed as a part of a running change and would require only those repairs lists in repair #2, below:		
175	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	12/17/2018	122155
176	Any authorized Toyota dealer will inspect the fuel filler pipe to confirm if it is properly installed and, IF NECESSARY, replace the fuel filler pipe FREE OF CHARGE.	3/22/2019	140
177	This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assemb	1/22/2019	337121

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
178	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUSv			DTYKV01.8CCU	2013
179	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI			ASKXV2.395F1	2010
180	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S			ASKXV2.395F1	2010
181	Kia Motors Corporation	KMX	Correction	Submitted	9/23/2019 11:28:21		KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte			EKMXV02.0EFP	2014
182	Kia Motors Corporation	KMX	New Submission	Submitted	9/23/2019 14:04:55		KMX-RR-2019-0000722	Recall Report	RR	HYUNDAI	Elantra			FKMXV02.0EFP	2015
183	BMW	BMX	New Submission	Submitted	10/28/2019 9:02:17		BMX-RR-2019-0000467	Recall Report	RR					FBMXT02.0N47	2015
184	BMW	BMX	New Submission	Submitted	10/28/2019 9:05:26		BMX-RR-2019-0000465	Recall Report	RR					FBMXV03.0N57	2015
185	Audi	ADX	New Submission	Submitted	10/28/2019 13:49:00		ADX-RR-2019-0000895	Recall Report	RR	Volkswagen	Touareg			EADXT03.02UG	2014
186	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/28/2019 14:18:53		VGA-RR-2019-0000896	Recall Report	RR	Volkswagen	Touareg			GVGAT03.0NU2	2016

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178	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high current to flow through the transistor, which can lead to a short circuit of the transistor and a fire.

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178	This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assemb	1/22/2019	33795
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
179	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6807
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
180	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6807
	<p>KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.</p> <p>KIA will reprogram the ECU through a voluntary service campaign.</p>		
181		8/8/2019	2348
	<p>Hyundai modifies EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.</p> <p>Hyundai will reprogram the ECU through a voluntary service campaign.</p>		
182		8/14/2019	1
	<p>The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements starting in 07/2016.</p>		
183		12/14/2018	866
	<p>To eliminate this problem, the processing of the sensor plating has been modified, making the sensor more resistant to phosphorus contamination.</p>		
184		12/14/2018	346
	<p>The necessary software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated October 25, 2019</p>		
185		11/25/2019	4791
	<p>The necessary software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated October 25, 2019</p>		
186		11/25/2019	3871

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
187	BMW	BMX	New Submission	Submitted	10/25/2019 15:56:11		BMX-RR-2019-0000858	Recall Report	RR					GBMXV01.6N18	2016
188	FCA US LLC	CRX	New Submission	Submitted	5/8/2018 12:51:00		CRX-RR-2018-0000049	Recall Report	RR	ALFA ROMEO	Giulia AWD			HCRXJ02.05P0	2017
189	Volkswagen	VWX	Correction	Submitted	5/4/2018 9:46:17		VWX-RR-2018-0000060	Recall Report	RR	Volkswagen	Passat			CVWXV02.0U45	2012
190	BMW	BMX	New Submission	Superseded	5/11/2018 14:51:57	7/25/2018 20:36:42	BMX-RR-2018-0000125	Recall Report	RR					EBMXV04.4563	2014
191	Toyota Motor Corporation	TYX	New Submission	Submitted	5/22/2018 10:36:29		TYX-RR-2018-0000151	Recall Report	RR	TOYOTA	CAMRY XLE/XSE			JTYXV02.5P3A	2018
192	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q60	2.0		JNSXV02.0NJA	2018
193	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q50	2.0		HNSXV02.0NJA	2017
194	FCA US LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee 4X4			JCRXT02.45PA	2018
195	FCA US LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee Trailhawk 4X4			JCRXT02.45P1	2018
196	American Honda Motor Co., Inc.	HMX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HMX-RR-2018-0000279	Recall Report	RR					DHMXV02.4F83	2013
197	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	7/13/2018 13:40:20		VGA-RR-2018-0000295	Recall Report	RR	Volkswagen	Golf Alltrack			JVGAV02.0APA	2018
198	BMW	BMX	Correction	Submitted	7/25/2018 19:37:55		BMX-RR-2018-0000074	Recall Report	RR					EBMXV04.4563	2014
199	BMW	BMX	Correction	Submitted	7/25/2018 20:36:42		BMX-RR-2018-0000125	Recall Report	RR					DBMXV04.4563	2013
200	BMW	BMX	Correction	Submitted	7/25/2018 20:36:42		BMX-RR-2018-0000125	Recall Report	RR					EBMXV04.4563	2014
201	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA LE ECO			FTYXV01.8MEA	2015
202	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA			FTYXV01.8BEC	2014
203	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA LE ECO			HTYXV01.8M5B	2017
204	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA			FTYXV01.8BEC	2015

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	<p>The affected part number 11538674895 relates to the Thermostat (including a map controlled heating element). This component has been used beginning with 07/2016 in production. It also has been used in service since 7/2016 as replacement part, whenever a component with part number 11537647751 used in production by 06/2016 was malfunctioning. Analysis have shown, that in about 100 percent of all cases for model year 2016 models listed above, the originally built thermostat (11537647751) was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion leads to an increased power resistance of the connecting (pin), which is detected by the OBD system including fault code storage and MIL illumination. After this thermostat malfunction is detected (confirmed), the thermostat is still mechanical controlled (wax elements melts due to rising engine cooling water temperature and not map controlled by the heating element anymore) as a conventional thermostat. The succeeding built in thermostat (11538674895) didn't show significant numbers of malfunctions as pre described and so could be handled as a robust hardware. The Weibull and valid failure values reported in this document for test group GBMXV01.6N18 and part number 11538674895 relates therefore to the build thermostat with part number 11537647751. Component with part number 11538674895 is a robust hardware and itself has/had no malfunction, but was/is working properly.</p> <p>187</p> <p>188 Some 2017 MY Alfa Romeo Giulia vehicles, equipped with a 2.0L engine, may have Powertrain Control Module (PCM??) software that sets erroneous fault codes and causes the Malfunction Indicator Light (MIL??) to illuminate. This condition may cause the vehicle to stall after restart following refueling, while the vehicle is stat</p>
	<p>Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection.</p> <p>Corrective Action: Replace the reductive agent heating element (AdBlue heater).</p> <p>189 AdBlue Heater Repair Kit - 5611989708</p>
	<p>Due to high temperature conditions and low gasoline quality (inadequate additives), the gasoline filter in the high pressure fuel pump can begin to degrade.</p> <p>As the filter deteriorates, small particles of filter material detach and enter the fuel flow.</p> <p>190 These particles can accumulate at the high pressure valve and trigger storage of a fault code and illumination of the MIL.</p> <p>191 The involved vehicle's engine may be equipped with pistons from a particular production period that were produced with a diameter larger than the specification. This may cause the vehicle to run rough, create an abnormal sound, emit smoke from the exhaust, and illuminate warning lights and messages. Also, a reduction of p</p> <p>192 On some 2016-2018 Infiniti Q50 and Q60 vehicles (2.0L engine), a small amount of fuel may seep from the low-pressure fuel hose. Repeated heat stress may be causing deterioration of the hose which may also result in a loss of flexibility. This loss of flexibility may result in slight fuel seepage only upon startup with a cold engine.</p> <p>193 On some 2016-2018 Infiniti Q50 and Q60 vehicles (2.0L engine), a small amount of fuel may seep from the low-pressure fuel hose. Repeated heat stress may be causing deterioration of the hose which may also result in a loss of flexibility. This loss of flexibility may result in slight fuel seepage only upon startup with a cold engine.</p> <p>194 Some 2018 MY Jeep Cherokee vehicles may have fuel tubes that were torn or have partial material loss along the tube which can result in a fuel leak and subsequent engine compartment fire. This was caused by the urethane nesting blocks, which are used to align the tube and connector during the connector insertion process.</p> <p>195 Some 2018 MY Jeep Cherokee vehicles may have fuel tubes that were torn or have partial material loss along the tube which can result in a fuel leak and subsequent engine compartment fire. This was caused by the urethane nesting blocks, which are used to align the tube and connector during the connector insertion process.</p> <p>196 Emission certification labels that were replaced on a small amount of vehicles may have been replaced with a label listing incorrect information. The affected emission labels were not affected at the factory, they are replacement service parts. This will cause the vehicle to be non-compliant with emissions regulations.</p>
	<p>Component: Vehicle Emission Certification Information Labels (VEC)</p> <p>Golf- Emission Control Label were printed with the incorrect EVAP Group</p> <p>Production Part Number: 06K 010 005 AK</p> <p>197 Replacement Part Number: 06K 010 005 BE</p>
	<p>Due to weak material, the filter inside of the injector can tear which leads to contamination of the fuel injector with metal shavings resulting in leakage. The leakage subsequently triggers fault code entry and MIL illumination.</p> <p>198</p>
	<p>Due to high temperature conditions and low gasoline quality (inadequate additives), the gasoline filter in the high pressure fuel pump can begin to degrade.</p> <p>As the filter deteriorates, small particles of filter material detach and enter the fuel flow.</p> <p>199 These particles can accumulate at the high pressure valve and trigger storage of a fault code and illumination of the MIL.</p>
	<p>Due to high temperature conditions and low gasoline quality (inadequate additives), the gasoline filter in the high pressure fuel pump can begin to degrade.</p> <p>As the filter deteriorates, small particles of filter material detach and enter the fuel flow.</p> <p>200 These particles can accumulate at the high pressure valve and trigger storage of a fault code and illumination of the MIL.</p> <p>201 An Electronic Control Unit (ECU) in the subject vehicles has improper programming that could lead a component in the Continuously Variable Transmission (CVT) to unnecessarily cycle and experience abnormal wear. If this component becomes damaged, the Malfunction Indicator Lamp (MIL) may illuminate in the instrument clus</p> <p>202 An Electronic Control Unit (ECU) in the subject vehicles has improper programming that could lead a component in the Continuously Variable Transmission (CVT) to unnecessarily cycle and experience abnormal wear. If this component becomes damaged, the Malfunction Indicator Lamp (MIL) may illuminate in the instrument clus</p> <p>203 An Electronic Control Unit (ECU) in the subject vehicles has improper programming that could lead a component in the Continuously Variable Transmission (CVT) to unnecessarily cycle and experience abnormal wear. If this component becomes damaged, the Malfunction Indicator Lamp (MIL) may illuminate in the instrument clus</p> <p>204 An Electronic Control Unit (ECU) in the subject vehicles has improper programming that could lead a component in the Continuously Variable Transmission (CVT) to unnecessarily cycle and experience abnormal wear. If this component becomes damaged, the Malfunction Indicator Lamp (MIL) may illuminate in the instrument clus</p>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
205	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		HNSXV02.585A	2017
206	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		FNSXV02.5G5A	2015
207	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA FE+	1.8		FNSXV01.8G1A	2015
208	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	VERSA	1.6		ENSXV01.6G4A	2014
209	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA FE+	1.8		GNXV01.8G1A	2016
210	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		GNXV01.831A	2016

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205	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8768
206	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	15277
207	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8813
208	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	7227
209	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	6378
210	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1039

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
211	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		FNSXV01.881B	2015
212	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRAFE+	1.8		ENXV01.8G1A	2014
213	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		DNSXV01.881B	2013
214	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMKT02.0100	2018
215	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle Convertible			GVGAV02.0VPO	2016
216	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle Convertible			FVGAV02.0VBD	2015
217	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x2			FCRXJ01.4SP0	2015

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211	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1923
212	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8632
213	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1019
214	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	15
215	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018</p> <p>Customer Notification: On or about August, 2018</p>	8/30/2018	93349
216	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018</p> <p>Customer Notification: On or about August, 2018</p>	8/30/2018	35477
217	FCA has employed change in production and will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 2un-suspend?? the OBD monitors.	8/31/2018	293

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
218	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x2			JCRXJ01.45P0	2018
220	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD			GTYXT02.7M5R	2016
221	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD			HTYXT02.7M5P	2017
222	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 2WD			GTYXT03.5M5M	2016
223	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD			HTYXT02.7M5R	2017
224	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			ETYXV03.58EB	2014
225	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			BTYXV03.58EB	2008
226	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			9TYXV03.58EB	2009
227	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 C			ETYXV03.58EB	2014
228	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			8TYXV03.58EB	2008
229	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			BTYXV03.58EB	2011
230	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			BTYXV03.58EB	2011
231	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			ETYXV03.58EB	2014
232	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			9TYXV03.58EB	2009
233	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			DTYXV03.58EB	2013
234	Volkswagen	VWX	New Submission	Submitted	9/13/2018 10:15:46		VWX-RR-2018-0000576	Recall Report	RR	Volkswagen	TOUAREG			DVWXKT03.6U76	2013
235	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					KCRXT02.05P0	2019
236	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT02.45PA	2018
237	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXV03.65P0	2018
238	FCA US LLC	CRX	New Submission	Submitted	10/18/2018 15:30:46		CRX-RR-2018-0000635	Recall Report	RR	Jeep	Cherokee FWD			KCRXT02.45P4	2019
239	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 2DR COUPE	2.4L	SAT, 5MT	BHNVV02.4TKR	2008
240	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 4DR SEDAN	2.4L	SAT, 5MT	BHNVV02.4TKR	2008
241	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					DHNVV03.5VC3	2013
242	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					AHNVV01.3DF2	2010
243	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					AHNVV02.4KC3	2010
244	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	CIVIC HYBRID	1.3L	CVT, 5MT	3HNVV01.56CV	2003
245	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					HHNVV01.5562	2017
246	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/8/2018 12:39:55		NSX-RR-2018-0000618	Recall Report	RR	NISSAN	MURANO AWD			JNSXV03.5P7C	2018
247	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 17:31:54		NSX-RR-2018-0000671	Recall Report	RR	NISSAN	PATHFINDER 2WD			JNSXT03.5P7A	2018

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218	-FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	3204
219	-FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	3204
220	Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.	9/14/2018	281
221	Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.	9/14/2018	28953
222	Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.	9/14/2018	17127
223	Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.	9/14/2018	2775
224	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	924
225	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	23953
226	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	6829
227	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	924
228	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	23953
229	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	10039
230	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	10039
231	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	924
232	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	6829
233	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	1403
234	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26L3) to install a replacement Catalytic Converter Support Bracket on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer for this service. Part Numbers Involved: 7P0 253 309 A (Catalyst Bracket and Clamp) N 10653102 (Bolt)	10/15/2018	5398
235	FCA US will perform a voluntary emissions-related safety recall (J87) on affected vehicles to inspect and replace the powertrain ontrol module.	10/2/2018	36
236	FCA US will perform a voluntary emissions-related safety recall (J87) on affected vehicles to inspect and replace the powertrain control module.	10/2/2018	277
237	FCA US will perform a voluntary emissions-related safety recall (J87) on affected vehicles to inspect and replace the powertrain ontrol module.	10/2/2018	860
238	FCA US will perform a voluntary emissions related recall (U98) to replace the incorrect VECI label with the correct VECI label on the affected vehicles.	10/17/2018	1539
239	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	6
240	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	6
241	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	5
242	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	51
243	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	10
244	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	237
245	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	187
246	Avoluntary emission recall will be conducted. The correct MY2018 VECI label will be affixed directly over the top of the existing one.	11/13/2018	42
247	Nissan and Infiniti will conduct a Voluntary Service Campaign to reprogram the eVTC module on any potentially affected vehicles with updated temperature monitor thresholds.	11/5/2018	34757

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
248	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 7:35:35		VGA-RR-2018-0000651	Recall Report	RR	Volkswagen	Touareg			GVGAT03.0NU2	2016
249	Volkswagen	VWX	New Submission	Submitted	11/14/2018 14:38:44		VWX-RR-2018-0000728	Recall Report	RR	Volkswagen	Passat			DVWXV02.0U45	2013
250	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/20/2018 18:47:31	3/27/2019 15:07:03	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V AWD			HHNXT01.54R3	2017
251	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 12:31:25		HNX-RR-2019-0000105	Recall Report	RR	Honda	RIDGELINE AWD			JHNXT03.55W4	2018
252	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 13:58:39		HNX-RR-2019-0000106	Recall Report	RR	Acura	ILX			HHNXV02.45H3	2017
253	Audi	ADL	New Submission	Submitted	6/20/2019 8:47:43		ADX-RR-2019-0000443	Recall Report	RR	Audi	Q5			EADXV03.04UG	2014
254	FCA US LLC	CRX	New Submission	Submitted	2/14/2019 15:13:24		CRX-RR-2019-0000146	Recall Report	RR					KCRXV03.25P0	2019
255	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			DMAXV04.7LEV	2013
256	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	QUATTROPORTE			EMAXV04.7LEV	2014
257	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	MDX 4WD			GHNXV03.5VA3	2016
258	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	MDX 2WD			GHNXV03.5VA3	2016
259	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Honda	ACCORD	3.5L	6MT	HHNXV03.5DH3	2017
260	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			FCRXV03.65PB	2015

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248	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	7/26/2018	5947
249	In accordance with the amended Consent Decree, VW submitted a Notice of Approved Emissions Modification ? Correction (AEM-C1) in order to update the software calibration via Service Action 2323 which corrects the dosing model. Service Action 2323 will follow the AEM-C process	12/14/2018	36548
250	To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-010-00 (HNX-RR-2018-0000795) previously launched in 21 affected cold weather states and those repairs are listed below: Repair #1: Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure. Some vehicles had the updated A/C unit ECU installed as a part of a running change and would require only those repairs listed in repair #2 below. Repair #2: Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	1/28/2019	256332
251	An inspection of the fuel pump and high pressure quick connector for leaks and or cracks. If cracks or fuel leaks are present, the fuel pump will be replaced and a fuel pump cover kit will be installed. A small amount of vehicles are expected to require fuel pump replacement. If no cracks or leaks are present, a fuel pump cover kit will be installed to protect the fuel pump and related components.	3/7/2019	21394
252	(H3U) Certain 18-19MY LX vehicles identified as having defective fuel tanks will have the fuel tanks replaced. (D3T) Some 14-19MY LX vehicles may have received a suspect fuel tank from the suspect range as a replacement service part. The vehicles will have fuel tank manufactured date inspected and if it falls within the suspect manufactured dates the fuel tank will be replaced. Otherwise the vehicle is not affected and no further action will be required.	3/8/2019	6
253	The necessary hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 16, 2019.	7/22/2019	12570
254	FCA US will perform an emissions-related voluntary safety recall (UC4) on affected vehicles to replace the instrument panel cluster.	2/7/2019	2
255	MNA has decided to do a voluntary emissions recall (#373) for MYs 2011-2015 and a service campaign (#374) for MYs 2016-2018 vehicles to 7re-flash?? or upload a new software version into the engine control module, free of charge.	2/7/2019	2784
256	MNA has decided to do a voluntary emissions recall (#373) for MYs 2011-2015 and a service campaign (#374) for MYs 2016-2018 vehicles to 7re-flash?? or upload a new software version into the engine control module, free of charge.	2/7/2019	2252
257	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	78954
258	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	78954
259	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	705
260	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	611

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261	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			CCRKV05.7UP0	2012
262	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			FCRXV03.65P1	2015
263	FCA US LLC	CRX	New Submission	Submitted	4/23/2019 8:49:19		CRX-RR-2019-0000288	Recall Report	RR	Chrysler	Pacifica Hybrid			JCRXT03.65P3	2018
264	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	3/11/2019 14:55:24		NSX-RR-2019-0000195	Recall Report	RR	NISSAN	ALTIMA SR/PLATINUM			KNSXV02.68PA	2019
265	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	HYUNDAI	Elantra Coupe			EKM XV02.0EFP	2014
266	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte			GKMXV02.0DFP	2016
267	General Motors LLC	GMX	New Submission	Submitted	9/19/2019 21:46:34		GMX-RR-2019-0000721	Recall Report	RR					KGMT05.3382	2019
268	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2019 13:09:37		TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			DTYXT04.68EX	2013
269	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	Mazda3 4-Door 4WD			KTKXV02.5CDA	2019
270	Ferrari North America, Inc.	FEK	New Submission	Submitted	3/18/2019 14:19:24		FEK-RR-2019-0000132	Recall Report	RR	Ferrari	488 Spider			FFEXV03.9TUR	2019
271	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	HIGHLANDER AWD LE			JTYXT03.5MSM	2018
272	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	SIENNA AWD			JTYXT03.5MSM	2018
273	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	LEXUS	RX 350 L			JTYXT03.5MSM	2018
274	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	HIGHLANDER AWD			JTYXT03.5MSM	2018
275	Hyundai Motor Company	HYX	New Submission	Superseded	8/19/2019 14:55:04	8/19/2019 15:06:38	HYX-RR-2019-0000648	Recall Report	RR	KIA	Optima FE			JHYXV02.4AJ5	2018
276	Hyundai Motor Company	HYX	New Submission	Superseded	8/19/2019 14:55:04	8/19/2019 15:06:38	HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G80 AWD			JHYXV03.31Y6	2018
277	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/11/2019 15:39:23		VGA-RR-2019-0000701	Recall Report	RR	Volkswagen	Jetta Hybrid			GVGAW01.4VPA	2016
278	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 2Dr			KHNXV01.52L2	2019
279	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 4Dr			KHNXV02.0DH3	2019

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261	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
262	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
263	In Voluntary Safety Recall U73, some 2017-2018 MY Chrysler Pacifica PHEV vehicles contain Powertrain Control ("PCM") software that does not remove positive torque requests from the engine controller if the CAN-C bus stops communicating while the cruise control is requesting positive torque. In the instance of a short in the ve
264	An incorrect specification front exhaust tube (with catalytic converter included) may have been installed on a limited number of 2019 Nissan Altima vehicles. This error is due to the part pick area operator sending non-US parts to the assembly line to support a trial build.
	Some 2014-2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
265	To correct this problem, Kia will reprogram the ECU data.
	Some 2014-2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
266	To correct this problem, Kia will reprogram the ECU data.
267	The Vehicle Emissions Control Information (VECI) label was not installed on certain vehicles.
268	There is a possibility that moisture in the air may cause a filter in the air injection pump to degrade. This degradation could cause damage to other parts of the vehicle emission system and illuminate the check engine light (Malfunction Indicator Light).
	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire, loss of engine power, and/or Malfunction Indicator Light (MIL) illumination. ?
269	In the worst case, engine stall without the ability to be restarted can occur while driving, which may increase the risk of a crash. No accidents, injuries, or deaths have been reported from the field to date as a result of this defect.
270	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
271	The Engine Control Module (ECMs) in the subject vehicles are equipped with software to monitor the rear O2 sensors. Under a specific condition, this software may not detect a malfunctioning sensor due to an error in the software.
272	The Engine Control Module (ECMs) in the subject vehicles are equipped with software to monitor the rear O2 sensors. Under a specific condition, this software may not detect a malfunctioning sensor due to an error in the software.
273	The Engine Control Module (ECMs) in the subject vehicles are equipped with software to monitor the rear O2 sensors. Under a specific condition, this software may not detect a malfunctioning sensor due to an error in the software.
274	The Engine Control Module (ECMs) in the subject vehicles are equipped with software to monitor the rear O2 sensors. Under a specific condition, this software may not detect a malfunctioning sensor due to an error in the software.
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
275	
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
276	
	On affected vehicles, the Mechatronic Unit service replacement was configured with a European software calibration.
	Part numbers involved: Europe Spec Part Number : OCG 325 025 B 202 with SW (5801) 277 : USA Spec Part Number : OCG 325 025 B 203 with SW (6304 and 6404)
278	The powertrain control module (PCM) has a software issue that misinterprets sensor inputs as a Fuel Level Sensor (Fuel Gauge Sending unit) issue and may turn on the malfunction indicator lamp (MIL), and store a diagnostic trouble code (DTC) P0461 ? Fuel Level Sensor Circuit Range/Performance.
279	The powertrain control module (PCM) has a software issue that misinterprets sensor inputs as a Fuel Level Sensor (Fuel Gauge Sending unit) issue and may turn on the malfunction indicator lamp (MIL), and store a diagnostic trouble code (DTC) P0461 ? Fuel Level Sensor Circuit Range/Performance.

	Q	R	S
	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	8112
	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	1381
263	FCA US is conducting emissions-related voluntary safety recall (U73) on affected vehicles that, in addition to correcting the safety issue, reprograms the BPCM with new software that corrects the PFC clearing issues.	7/2/2018	11463
264	Nissan dealer technicians will inspect the front exhaust tube to confirm the part specification currently installed on the vehicles. If necessary, the technician will then replace any non-US specification tube with the correct part.	3/18/2019	6
	KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt. KIA will reprogram the ECU through a voluntary service campaign.	8/8/2019	2348
	KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt. KIA will reprogram the ECU through a voluntary service campaign.	8/8/2019	2952
267	An owner notification letter with a VEC label will be sent to all customers of record. The letter will provide easy instructions to the owner on how to affix the label. The owner will be given the option of having a dealer affix the label at no charge. Since the new label can be easily installed, and doing so will reduce customer inconvenience.	9/17/2018	3
268	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed.	8/8/2019	10713
	Dealers will reprogram the PCM with improved hydraulic valve adjustment control software. There will be no charge for this service to vehicle owners.	8/25/2019	19611
270	Ferrari will replace the Fuel Vapor Separator, free of charge.	4/15/2019	334
271	The ECM software will be updated FREE OF CHARGE.	3/14/2019	144048
272	The ECM software will be updated FREE OF CHARGE.	3/14/2019	144048
273	The ECM software will be updated FREE OF CHARGE.	3/14/2019	144048
274	The ECM software will be updated FREE OF CHARGE.	3/14/2019	144048
	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	234
	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	25
	Emissions Service Action (38C4) will be released to remedy the affected vehicles.	10/10/2019	770
278	The PCM software will be updated to correct the OBD monitor and correct the possible false MIL.	4/30/2019	9107
279	The PCM software will be updated to correct the OBD monitor and correct the possible false MIL.	4/30/2019	34667

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
280	FCA US LLC	CRX	New Submission	Submitted	4/4/2019 12:15:02		CRX-RR-2019-0000255	Recall Report	RR					KCRXV06.25P0	2019
281	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER AWD			HTYXT03.5M5M	2017
282	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER AWD			JTYXT03.5M5M	2018
283	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER AWD LE			HTYXT03.5M5M	2017
284	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	4/24/2019 12:43:48		NSX-RR-2019-0000284	Recall Report	RR	NISSAN	ALTIMA SR/PLATINUM			KNSXV02.58PA	2019
285	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:18:30	4/24/2019 12:41:48	NSX-RR-2019-0000284	Recall Report	RR	NISSAN	ALTIMA			KNSXV02.58PA	2019
286	Ford Motor Company	FMX	New Submission	Submitted	7/22/2019 9:08:31		FMX-RR-2019-0000342	Recall Report	RR					KFMXT03.54HF	2019
287	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	XV CROSS TREK AWD			DFXJG02.5NLP	2019
288	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA WAGON/OUTBACK SPORT AWD			CFXJG02.5NKG	2012
289	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA AWD			CFXJG02.5NVD	2012
290	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA AWD			DFXJG02.5NKR	2013
291	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					GCRXV03.65P1	2016
292	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					ECRXV05.75P0	2014
293	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 7:22:15		VGA-RR-2019-0000176	Recall Report	RR	Audi	S3			FVGAV02.0AUJA	2015
294	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC SDr			JHNXV01.5362	2018
295	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 4Dr			JHNXV01.5TH2	2018
296	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 3Dr			JHNXV01.5562	2017
297	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 2Dr			GHXV01.56K2	2016
298	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI PWD			ASXKV2.395F1	2010
299	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S AWD			BSXKV2.395F1	2011

	Q	R	S
280	FCAUS will perform an emissions-related voluntary safety recall (V32) on affected vehicles to reflash the instrument cluster.	4/5/2019	33
281	This Customer Support Program provides coverage for damage to the UAS0 transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	150040
282	This Customer Support Program provides coverage for damage to the UAS0 transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	145
283	This Customer Support Program provides coverage for damage to the UAS0 transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	150040
284	Nissan will notify all owners of potentially affected vehicles requesting that they take their vehicle to a Nissan dealer where the dealer will inspect the fuel pump assembly for proper fuel pump lock ring engagement. If partially disengaged, the dealer will tighten the fuel pump lock ring using a special tool, to the correct specification.	5/13/2019	347
285	Nissan will notify all owners of potentially affected vehicles requesting that they take their vehicle to a Nissan dealer where the dealer will inspect the fuel pump assembly for proper fuel pump lock ring engagement. If partially disengaged, the dealer will tighten the fuel pump lock ring using a special tool, to the correct specification.	5/13/2019	347
286	Dealers will reprogram the instrument panel cluster.	3/4/2019	1430
287	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	526
288	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	4492
289	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	26419
290	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	99342
291	FCAUS will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister. FCA's current plan is to launch this recall in three phases as shown below by vehicle family. Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019	7/23/2019	34
292	FCAUS will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister. FCA's current plan is to launch this recall in three phases as shown below by vehicle family. Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019	7/23/2019	13279
293	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	4
294	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	22285
295	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	22311
296	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	26082
297	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	20587
298	Suzuki will conduct a voluntary emissions recall campaign to perform the following actions: (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.	8/9/2019	6807
299	Suzuki will conduct a voluntary emissions recall campaign to perform the following actions: (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.	8/9/2019	6120

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
300	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 15:07:03	3/27/2019 15:10:43	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V FWD			HHNXT01.54R3	2017
301	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 15:10:42	6/17/2019 12:59:01	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V AWD			HHNXT01.54R3	2017
302	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 15:10:42	6/17/2019 12:59:01	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V FWD			HHNXT01.54R3	2017
303	Audi	ADX	New Submission	Submitted	2/28/2019 9:48:51		ADX-RR-2019-0000180	Recall Report	RR	Volkswagen	GTI			DADXX02.03UA	2013
304	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			HHNXV01.5XH2	2017
305	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 5Dr			JHNXV01.5362	2018

	P
300	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
301	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
302	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Analysis is determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations (CCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A)</p> <p>Production Software Replacement Software ECM or TCM Test Group</p> <p>02E300054M_260702E300054M_2609TCMCADXXV02.03UA</p> <p>02E300057Q_310702E300057Q_3118TCMCADXXV02.03UA</p> <p>02E300057Q_3119096927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03UA</p> <p>02E300058N_350102E300058N_3505TCMCADXXV02.03UA</p> <p>02E300058N_351002E300058N_3509TCMCADXXV02.03UA</p> <p>09G927750HC_111109G927750LR_2062TCMCADXXV02.03UA</p> <p>09G927750MN_223909G927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03PA</p> <p>02E300057R_311402E300058N_3509TCMDADXXV02.03UA</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production Software Replacement Software ECM or TCM Test Group</p> <p>02E300058P_351502E300058P_3509TCMDADXXV02.03UA</p> <p>02E300058P_351002E300058P_3509TCMDADXXV02.03PA</p> <p>1K0907115AF_00101K0907115AT_0020ECMEADXXV02.03PA</p> <p>02E300058P_350902E300058P_3510TCMEADXXV02.03PA</p>
303	
304	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
305	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.

	Q	R	S
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	256332
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	256332
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	256332
303	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	84018
305		4/11/2019	61710

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
306	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Tiguan			FVGA02.0VUE	2015
307	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr	1.5L		JHNXXV01.5XH2	2017
308	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr	1.5L		JHNXXV01.5VH3	2018
309	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr	1.5L		JHNXXV01.56H3	2017
310	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	CC			EVWXXV03.6U46	2014
311	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	CC			DVWXXV02.03PA	2013

	P
	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PH_260209G927750NH_2627TCMFGAV02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMFGAV02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMFGAV02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMFGAV03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVAV01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVAV02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVAV02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVAV02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVAV03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVAV03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617963H906023BM_6875ECMFGAV03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>06I906027HE_680506I906027HE_8226ECMFGAV02.0VUE</p>
307	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
308	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
309	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
310	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>0CB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>0CB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2551TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>0CG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>0CG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p>
311	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>0CB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>0CB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2551TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>0CG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>0CG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p>

	Q	R	S
306	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	5
307	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>A part of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 (EPA HNX-RR-2019-0000073) previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	84018
308	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>A part of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 (EPA HNX-RR-2019-0000073) previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	18981
309	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>A part of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 (EPA HNX-RR-2019-0000073) previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	13250
310	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
311	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	252

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
312	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	EOS			CVWXV02.035A	2012
313	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	BETLE			DVWXV02.5M59	2013
314	Subaru Corporation	FIX	New Submission	Submitted	7/1/2019 9:29:09		FIX-RR-2019-0000445	Recall Report	RR	Subaru	OUTBACK			FFIXJ02.5HRV	2017
315	Subaru Corporation	FIX	New Submission	Submitted	7/1/2019 9:29:09		FIX-RR-2019-0000445	Recall Report	RR	Subaru	OUTBACK			FFIXJ02.5HRV	2015
316	Subaru Corporation	FIX	New Submission	Submitted	7/1/2019 9:29:09		FIX-RR-2019-0000445	Recall Report	RR	Subaru	LEGACY			FFIXJ02.5HRV	2015
317	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	RAM	Promaster City			HCRXT02.45P0	2017
318	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR	KIA	Optima			KKMXV02.0DS5	2019
319	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR	KIA	Stinger AWD			JKMXV03.34V6	2018
320	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR	KIA	Cadenza			JKMXV03.34KF	2018
321	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					FMBXT03.0U2B	2015
322	Toyota Motor Corporation	TYX	New Submission	Superseded	1/28/2019 13:47:06	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS v			CTYXV01.8CCU	2012
323	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS v			CTYXV01.8CCU	2012
324	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:04:40		CRX-RR-2019-0000025	Recall Report	RR					JCRXV06.25P0	2018

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	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OC8927750_18190C8927750CG_2665TCMCVWX03.6U76</p> <p>OC8927750AL_19770C8927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2607TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2151TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p> <p>312</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OC8927750_18190C8927750CG_2665TCMCVWX03.6U76</p> <p>OC8927750AL_19770C8927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2607TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2151TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p> <p>313</p> <p>314 Due to an incorrect replacement part number supersession, the incorrect front exhaust pipe, which includes the catalytic converter, may have been supplied and installed to LEVII SULEV30 certified vehicles in California and section 177 states, and Tier 2 Bin 4 and Tier 3 Bin 70 in other states. Having the incorrect front exhaust pi</p> <p>315 Due to an incorrect replacement part number supersession, the incorrect front exhaust pipe, which includes the catalytic converter, may have been supplied and installed to LEVII SULEV30 certified vehicles in California and section 177 states, and Tier 2 Bin 4 and Tier 3 Bin 70 in other states. Having the incorrect front exhaust pi</p> <p>316 Due to an incorrect replacement part number supersession, the incorrect front exhaust pipe, which includes the catalytic converter, may have been supplied and installed to LEVII SULEV30 certified vehicles in California and section 177 states, and Tier 2 Bin 4 and Tier 3 Bin 70 in other states. Having the incorrect front exhaust pi</p> <p>Some 2015 - 2017 MY Jeep®, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a MIL P0483 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.</p> <p>317</p> <p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate.</p> <p>318 Kia will replace the misprinted filler caps with the right ones.</p> <p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate.</p> <p>319 Kia will replace the misprinted filler caps with the right ones.</p> <p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate.</p> <p>320 Kia will replace the misprinted filler caps with the right ones.</p> <p>321 Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo</p> <p>322 The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally hig</p> <p>323 The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally hig</p> <p>Some 2018 Dodge Challenger (7LA??) and Dodge Charger (7LD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (PCC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>Some vehicles, noted above, within this Voluntary Safety Recall may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p> <p>324</p>

	Q	R	S
312	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	3
313	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2553
314	For all affected vehicles the front exhaust pipe will be replaced with the correct part.	6/3/2019	47
315	For all affected vehicles the front exhaust pipe will be replaced with the correct part.	6/3/2019	2534
316	For all affected vehicles the front exhaust pipe will be replaced with the correct part.	6/3/2019	2534
317	FCA US will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	5978
318	Kia will replace the oil filler caps through a dealer service campaign free of charge.	9/2/2019	18
319	Kia will replace the oil filler caps through a dealer service campaign free of charge.	9/2/2019	307
320	Kia will replace the oil filler caps through a dealer service campaign free of charge.	9/2/2019	34
321	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onward.	3/13/2019	29
322	This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced.	1/28/2019	50101
323	This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced.	1/22/2019	50101
324	FCA US is conducting an emissions-related voluntary safety recall (U60) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	6/21/2018	5961

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
325	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:04:40		CRX-RR-2019-0000025	Recall Report	RR					JCRXV05.75P1	2018
326	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	11/5/2019 7:06:20		VGA-RR-2019-0000914	Recall Report	RR	Audi	A4			HVGAI02.0A4C	2017
327	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	11/5/2019 7:06:20		VGA-RR-2019-0000914	Recall Report	RR	Audi	A3			HVGAV02.0A3A	2017
328	Mercedes Benz	MBX	New Submission	Submitted	11/12/2019 10:31:44		MBX-RR-2019-0000938	Recall Report	RR					HMBXV05.5U2A	2017
329	BMW	BMX	New Submission	Submitted	10/28/2019 8:45:55		BMX-RR-2019-0000469	Recall Report	RR					GBMXV02.0N47	2016
330	BMW	BMX	New Submission	Submitted	10/28/2019 8:58:13		BMX-RR-2019-0000470	Recall Report	RR					GBMXV02.0B46	2016
331	BMW	BMX	New Submission	Submitted	10/28/2019 9:00:16		BMX-RR-2019-0000471	Recall Report	RR					FBMXV04.4N63	2015
332	BMW	BMX	New Submission	Submitted	10/28/2019 9:02:17		BMX-RR-2019-0000467	Recall Report	RR					FBMXV02.0N47	2015
333	BMW	BMX	New Submission	Submitted	10/28/2019 9:45:33		BMX-RR-2019-0000868	Recall Report	RR					EBMXV04.4F15	2014
334	BMW	BMX	New Submission	Submitted	10/28/2019 10:11:38		BMX-RR-2019-0000870	Recall Report	RR					EBMXV04.4N63	2014

	Q	R	S
325	FCA US is conducting an emissions-related voluntary safety recall (U60) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	6/21/2018	24314
326	Production: Vehicles out of Production Service: Updated ECM software will be released with Emission Service Action 234I.	12/4/2019	6519
327	Production: Vehicles out of Production Service: Updated ECM software will be released with Emission Service Action 234I.	12/4/2019	6832
328	Daimler AG will extend the emissions warranty of faults related to a stuck open thermostat for the affected vehicles to 120,000 miles / 10 years. The introduction of a coolant hose with non-return valve ensures that this issue can no longer occur from May 2016 onwards.	11/30/2019	419
329	Since January 2017 (N47x) and March 2017 (N57x), standard production installs high pressure pumps with increased robustness.	4/25/2019	1792
330	To eliminate this problem, Dow-Corning sealant will be used on the thermostat pins to prevent corrosion.	3/27/2019	19620
331	Beginning with 12/2015 a new filter material (PPEEK?? instead of PA) for the filter was introduced in production and services.	3/14/2019	11445
332	The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements starting in 07/2016.	12/14/2018	850
333	BMW has decided to grant an emission warranty extension for component fuel injector/injection valve assembled in model X6 xDrive50i of model year 2014 listed above, to full useful life 10 years / 120,000 miles.	5/17/2019	2215
334	BMW has decided to grant an emission warranty extension for component Heated Rear Oxygen Sensor in all model years 2014 test groups EBMXV04.4N63 vehicles to 10 years / 120,000 miles full useful life.	5/3/2019	1833

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
335	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/28/2019 14:18:53		VGA-RR-2019-0000896	Recall Report	RR		Volkswagen	Touareg		FVGAT03.0NU2	2015
336	General Motors LLC	GMX	New Submission	Submitted	10/10/2019 9:30:39		GMX-RR-2019-0000745	Recall Report	RR					GGMXV01.4050	2016
337	Audi	ADX	New Submission	Submitted	5/4/2018 9:32:09		ADX-RR-2018-0000085	Recall Report	RR		Audi	A6 QUATTRO		AADXV04.2365	2010
338	Volkswagen	VWX	Correction	Submitted	5/4/2018 9:46:17		VWX-RR-2018-0000060	Recall Report	RR		Volkswagen	Passat		DVWXV02.0U45	2013
339	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR		Volkswagen	Jetta		EVWXV02.0USN	2014
340	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR		Volkswagen	JETTA SPORTWAGEN		EVWXV02.0USN	2014
341	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR					JNSXV02.0NJA	2018
342	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR		INFINITI	Q50 AWD	2.0	HNXSV02.0NJA	2017
343	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	6/8/2018 19:55:15		HNX-RR-2018-0000103	Recall Report	RR		Honda	CIVIC SD		HHNXV02.07H3	2017
344	FCAUS LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR		Jeep	Cherokee 4X4		JCRXT02.45P0	2018
345	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/5/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					DHNXV03.56B4	2013
346	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/5/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					GHNXV02.42H3	2016
347	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/5/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					CHNXV01.53FB	2012
348	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	7/17/2018 14:29:22		VGA-RR-2018-0000304	Recall Report	RR		Volkswagen	Atlas		JVGAT03.6VAS	2018
349	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 10:46:27		GMX-RR-2018-0000324	Recall Report	RR		Chevrolet	VOLT		DGMXV01.4001	2013

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
350	BMW	BMX	Correction	Submitted	7/25/2018 19:37:55		BMX-RR-2018-0000074	Recall Report	RR					FBMXV04.4563	2015
351	BMW	BMX	Correction	Submitted	7/25/2018 19:37:55		BMX-RR-2018-0000074	Recall Report	RR					DBMXV04.4N63	2013
352	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE FWD	2.5		HNSXT02.5P5A	2017
353	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		DNSXV01.8G1A	2013
354	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		FNSXV02.585A	2015
355	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		DNSXV02.5G5A	2013

	P
	Due to weak material, the filter inside of the injector can tear which leads to contamination of the fuel injector with metal shavings resulting in leakage. The leakage subsequently triggers fault code entry and MIL illumination.
350	
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351	
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.
352	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (+100 deg. F) and low barometric pressure (+1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.
353	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (+100 deg. F) and low barometric pressure (+1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.
354	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (+100 deg. F) and low barometric pressure (+1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.
	Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.
355	Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (+100 deg. F) and low barometric pressure (+1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.

	Q	R	S
350	<p>The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.</p>	2/7/2018	1844
351	<p>The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.</p>	2/7/2018	17276
352	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	9843
353	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	5383
354	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	3038
355	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8818

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
356	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		DNSXV02.585A	2013
357	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		HNSXV01.8R1A	2017
358	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE AWD	2.5		GNSXT02.525A	2016
359	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE AWD	2.5		GNSXT02.5G5B	2016
360	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	VERSA	1.6		FNSXV01.6G4A	2015
361	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		ENSXV02.5G5A	2014
362	General Motors LLC	GMX	New Submission	Submitted	8/15/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXV01.5G90	2018

	Q	R	S
356	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	2194
357	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	9358
358	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	550
359	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1334
360	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	9857
361	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8392
362	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	29

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
363	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	Passat			EVWXV02.03PA	2014
364	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Jetta			HVGAV02.0VPD	2017
365	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Jetta			FVGAV02.0VPD	2015
366	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Passat			GVGAV02.0VBD	2016
367	American Honda Motor Co., Inc.	HMX	New Submission	Submitted	8/17/2018 14:13:38		HMX-RR-2018-0000421	Recall Report	RR	Honda	Clarity			JHMXV01.50L2	2018
368	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	FIAT	124 Spider			HCRXJ01.45P0	2017
369	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD			GTXYT02.7MEP	2016
370	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 2WD			GTXYT02.7MEP	2016
371	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			ETXYV03.5BEB	2014
372	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			CTXYV03.5BEB	2012
373	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			CTXYV03.5BEB	2012
374	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			ETXYV03.5BEB	2014
375	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450h			BTXYV03.5CC4	2011
376	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			ATXYV03.5BEB	2010
377	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450h			9TYXV03.5CC4	2009
378	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			ETXYV03.5BEB	2014
379	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450h			ATXYV03.5CC4	2010
380	Volkswagen	VWX	New Submission	Submitted	9/25/2018 8:29:00		VWX-RR-2018-0000598	Recall Report	RR	Volkswagen	TOUAREG			DVWXKT03.6U76	2013

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	Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPFA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070P V9360 (MY14 Jetta, CPFA) 06K906070D V9361 (MY14 Jetta, CPFA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPFA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPFA) 06K906070H V9365 (MY14 Passat, CPKA)
	The conditions below are referenced from the following Field Fix documents: FF_DV2.0B5F_06_18 FF_DV2.03PA_10_18 FF_EV2.0B5F_13_18 FF_EV2.03PA_14_18
	-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers. Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent
363	Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)
364	Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)
365	Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)
366	Due to inappropriate programming of the PCM for the Electric Variable Valve Timing Control (EVTC) actuator control, the EVTC control mode may unnecessarily fluctuate under certain conditions. The OBD system may falsely detect a malfunction of P100C for "EVTC actuator rotation signal malfunction".
367	Due to inappropriate programming of the PCM for the Electric Variable Valve Timing Control (EVTC) actuator control, the EVTC control mode may unnecessarily fluctuate under certain conditions. The OBD system may falsely detect a malfunction of P100C for "EVTC actuator rotation signal malfunction".
368	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (MIL) faults. The resulting fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.
369	There is a possibility that the blower motor fan hub in the involved vehicles was produced with improper dimensions. A blower motor fan hub with improper dimensions may develop a crack over time. If a vehicle is continuously operated with this condition, the damage may worsen, leading to an abnormal noise and eventually a
370	There is a possibility that the blower motor fan hub in the involved vehicles was produced with improper dimensions. A blower motor fan hub with improper dimensions may develop a crack over time. If a vehicle is continuously operated with this condition, the damage may worsen, leading to an abnormal noise and eventually a
371	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
372	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
373	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
374	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
375	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
376	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
377	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
378	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
379	The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.
380	Customer Complaint: MIL on, vibration, and engine compartment noise Component: Catalytic Converter Support Bracket Production Part Number (Catalyst): 7P0 254 301 CX Part analysis reflects part number: 7P0 254 301 CX Due to improper positioning of a welding tool, the load-bearing cross-section of the support bracket weld for the passenger side catalytic converter (cylinders 4-6) could be too thin; which could lead to a crack and/or break at the support bracket weld. A compromised support bracket can lead to increased exhaust system vibrations and, subsequently, adverse stress on the catalytic converter pipe's manifold flange causing it to break.

	Q	R	S
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p>	8/30/2018	11947
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018</p> <p>Customer Notification: On or about August, 2018</p>	8/30/2018	116865
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018</p> <p>Customer Notification: On or about August, 2018</p>	8/30/2018	120115
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018</p> <p>Customer Notification: On or about August, 2018</p>	8/30/2018	24901
	APCM with an improved calibration has been applied	9/20/2018	13794
	<p>FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.</p> <p>Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p>	8/31/2018 9/14/2018 9/14/2018 8/23/2018 8/23/2018 8/31/2018 9/31/2018 9/31/2018 8/31/2018 8/31/2018 8/31/2018 8/31/2018	1061 3974 3974 924 3909 3909 924 425 12987 522 924 241
	<p>Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26L3) to install a replacement Catalytic Converter Support Bracket on the affected vehicles.</p> <p>Volkswagen Group of America, Inc. is providing an extended warranty of up to 10 years / 120,000 miles to cover Catalytic Converter replacements should the flange or bracket weld fail following installation of support bracket and clamp.</p> <p>Part Numbers involved: 7P0 253 309 A (Catalyst Bracket and Clamp) N 10653102 (Bolt)</p>	10/15/2018	5398

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
381	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					KCRXT02.45P1	2019
382	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	ACURA	3.2CL	3.2L	5AT	3HNXV03.2AYC	2003
383	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	3.0L	4AT	3HNXV03.0FL2	1999
384	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					CHNXV02.4MC3	2012
385	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					HNXV02.0B63	2017
386	FCA US LLC	CRX	New Submission	Submitted	11/26/2018 12:14:29		CRX-RR-2018-0000734	Recall Report	RR					JCRXT03.65P3	2018
387	Volkswagen	VWX	New Submission	Submitted	11/14/2018 14:38:44		VWX-RR-2018-0000728	Recall Report	RR	Volkswagen	Passat			EVWV02.0U45	2014
388	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					FMBX02.0U2A	2015
389	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 12:31:25		HNX-RR-2019-0000105	Recall Report	RR	Honda	RIDGELINE FWD			JHNXT03.55W4	2018
390	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 12:31:25		HNX-RR-2019-0000105	Recall Report	RR	Honda	RIDGELINE FWD			KHNXT03.58X4	2019
391	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 13:58:39		HNX-RR-2019-0000106	Recall Report	RR	Acura	ILX			GHNV02.4XH3	2016
392	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 13:58:39		HNX-RR-2019-0000106	Recall Report	RR	Acura	ILX			JHNXV02.4NH3	2018

	Q	R	S
381	FCAUS will perform a voluntary emissions-related safety recall (J87) on affected vehicles to inspect and replace the powertrain ontrol module.	10/2/2018	20
382	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	1
383	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	3
384	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	28
385	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/29/2018	241
386	FCAUS will perform an emission-related Voluntary Safety Recall (J94) on affected vehicles to reprogram the powertrain control module with new software that corrects the mis-synchronization. The catalysts and both O2 sensors will be replaced if DTC P0420 or P0430 are present. IF P0016-19, P000A-D, P1811, P0506, P219A or P2	11/21/2018	7414
387	In accordance with the amended Consent Decree, VW submitted a Notice of Approved Emissions Modification ? Correction (AEM-C1) in order to update the software calibration via Service Action 2323 which corrects the dosing model. Service Action 2323 will follow the AEM-C process	12/14/2018	30623
388	Daimler AG will extend the emissions warranty of the affected camshaft adjuster to 120,000 miles /10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onwards.	3/13/2019	50973
	An inspection of the fuel pump and high pressure quick connector for leaks and or cracks. If cracks or fuel leaks are present, the fuel pump will be replaced and a fuel pump cover kit will be installed. As small amount of vehicles are expected to require fuel pump replacement. If no cracks or leaks are present, a fuel pump cover kit will be installed to protect the fuel pump and related components.	3/7/2019	21394
	An inspection of the fuel pump and high pressure quick connector for leaks and or cracks. If cracks or fuel leaks are present, the fuel pump will be replaced and a fuel pump cover kit will be installed. As small amount of vehicles are expected to require fuel pump replacement. If no cracks or leaks are present, a fuel pump cover kit will be installed to protect the fuel pump and related components.	3/7/2019	35765
	(H3U) Certain 18-19MY ILX vehicles identified as having defective fuel tanks will have the fuel tanks replaced. (Z3T) Some 14-19MY ILX vehicles may have received a suspect fuel tank from the suspect range as a replacement service part. The vehicles will have fuel tank manufactured date inspected and if it falls within the suspect manufactured dates the fuel tank will be replaced. Otherwise the vehicle is not affected and no further action will be required.	3/8/2019	4
	(H3U) Certain 18-19MY ILX vehicles identified as having defective fuel tanks will have the fuel tanks replaced. (Z3T) Some 14-19MY ILX vehicles may have received a suspect fuel tank from the suspect range as a replacement service part. The vehicles will have fuel tank manufactured date inspected and if it falls within the suspect manufactured dates the fuel tank will be replaced. Otherwise the vehicle is not affected and no further action will be required.	3/8/2019	3648

	Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7. During the same service action, Audi also intends to make other improvements to the software. The hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019. With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 6/18/2019, following the defined consent decree submission pathway). In addition, Volkswagen also provides the following information: Complaint: MIL on Component: Oxygen Sensor Production Part Number Analyses: 059 906 262 Q -AEM-C Service Action replacement part numbers: o04L 906 262 B (Oxygen Sensor) o4H0 254 750 HX (Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) o4H0 298 099 (Installation Kit for Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) DTCs Present: P0133 - O2 Sensor Circ., Bank 1-Sensor 1 Slow Response The changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated June 18, 2019. In addition, the software part numbers are as follows: GenerationModelIMVCurrent AEM ECM SoftwareTarget AEM-C Software Gen 2 PC A620144G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PC A720144G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PC A820144H0907401F 0013 BVAB4H0907401F 0016 Gen 2 PC QS20148KS907401J 0011 BVAB8K5907401J 0014
	Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7. During the same service action, Audi also intends to make other improvements to the software. The hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019. With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 6/18/2019, following the defined consent decree submission pathway). In addition, Volkswagen also provides the following information: Complaint: MIL on Component: Oxygen Sensor Production Part Number Analyses: 059 906 262 Q -AEM-C Service Action replacement part numbers: o04L 906 262 B (Oxygen Sensor) o4H0 254 750 HX (Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) o4H0 298 099 (Installation Kit for Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) DTCs Present: P0133 - O2 Sensor Circ., Bank 1-Sensor 1 Slow Response The changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated June 18, 2019. In addition, the software part numbers are as follows: GenerationModelIMVCurrent AEM ECM SoftwareTarget AEM-C Software Gen 2 PC A620144G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PC A720144G0907401N 0013 BVAB4G0907401N 0016 Gen 2 PC A820144H0907401F 0013 BVAB4H0907401F 0016 Gen 2 PC QS20148KS907401J 0011 BVAB8K5907401J 0014
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	Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7. During the same service action, Audi also intends to make other improvements to the software. The hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019. With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 6/18/2019, following the defined consent decree submission pathway). In addition, Volkswagen also provides the following information: Complaint: MIL on Component: Oxygen Sensor Production Part Number Analyses: 059 906 262 Q -AEM-C Service Action replacement part numbers: o04L 906 262 B (Oxygen Sensor) o4H0 254 750 HX (Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) o4H0 298 099 (Installation Kit for Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) DTCs Present: P0133 - O2 Sensor Circ., Bank 1-Sensor 1 Slow Response The changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated June 18, 2019. In addition, the software part numbers are as follows: GenerationModelIMVCurrent AEM ECM SoftwareTarget AEM-C Software Gen 2 PCs620164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012 Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009 Gen 2 PCs020168KS907401AC 0008 BVAB8K5907401AC 0010
	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
	During fuel tank manufacturing, the fuel tank vent pipe on the evaporative return line was not properly welded to the fuel tank and may separate. This results in potential for a fuel leak and causes the vehicle to exceed evaporative emissions standards.
	In voluntary safety recall U73, some 2017-2018 MY Chrysler Pacifica PHDVehicles contain Powertrain Control ("PCM") software that does not remove positive torque requests from the engine controller if the C&C Bus stops communicating while the cruise control is requesting positive torque. In the instance of a short in the ve
	There was a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicles could leak fuel and may not meet certain U.S. federal motor vehicle safety standard requirements. In the presence of an ignition source, a fuel leak could increase the risk of a fire.
	There was a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicles could leak fuel and may not meet certain U.S. federal motor vehicle safety standard requirements. In the presence of an ignition source, a fuel leak could increase the risk of a fire.
	There was a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicles could leak fuel and may not meet certain U.S. federal motor vehicle safety standard requirements. In the presence of an ignition source, a fuel leak could increase the risk of a fire.
	Some 2014-2016 model year KIA Forte and Elantras may exhibit an issue with NMOC control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
	To correct this problem, Kia will reprogram the ECU data.
	The Vehicle Emissions Control Information (VECI) label was not installed on certain vehicles.
	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire, loss of engine power, and/or Malfunction Indicator Light (MIL) illumination.
	In the worst case, engine stall without the ability to be restarted can occur while driving, which may increase the risk of a crash. No accidents, injuries, or deaths have been reported from the field to date as a result of this defect.
	On affected vehicles, the Mechatronic Unit service replacement was configured with a European software calibration.
	Part numbers involved:
	Europe Spec Part Number: OC6 325 025 B 202 with SW (6301)
	USA Spec Part Number: OC6 325 025 B 203 with SW (6304 and 6404)
	Some 2014 MY 6.4L Dodge Challenger ("LC") vehicles, equipped with a manual transmission may have received a service flash that enables the Cylinder Imbalance Diagnostic ("CID"). With this diagnostic turned on in the service release, there are no calibrations enabled that will allow the monitor to pass or fail. This calibration

Q	R	S
393 The necessary hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.	7/22/2019	12570
394 The necessary hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.	7/22/2019	12570
395 MNA has decided to do a voluntary emissions recall (#373) for MYs 2011-2015 and a service campaign (#374) for MYs 2016-2018 vehicles to 7re-flash?? or upload a new software version into the engine control module, free of charge.	2/7/2019	850
396 MNA has decided to do a voluntary emissions recall (#373) for MYs 2011-2015 and a service campaign (#374) for MYs 2016-2018 vehicles to 7re-flash?? or upload a new software version into the engine control module, free of charge.	2/7/2019	2480
397 The necessary hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.	7/22/2019	3986
398 The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	69381
399 The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	20399
400 The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	17584
FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	2570
402 The repair is to replace the fuel tank.	9/16/2019	15
403 FCA US is conducting emissions-related voluntary safety recall (U73) on affected vehicles that, in addition to correcting the safety issue, reprograms the BPCM with new software that corrects the PFC clearing issues.	7/2/2018	3324
404 Any authorized Toyota dealer will inspect the fuel filler pipe to confirm if it is properly installed and, IF NECESSARY, replace the fuel filler pipe FREE OF CHARGE.	3/22/2019	205
405 Any authorized Toyota dealer will inspect the fuel filler pipe to confirm if it is properly installed and, IF NECESSARY, replace the fuel filler pipe FREE OF CHARGE.	3/22/2019	140
406 Any authorized Toyota dealer will inspect the fuel filler pipe to confirm if it is properly installed and, IF NECESSARY, replace the fuel filler pipe FREE OF CHARGE.	3/22/2019	140
KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.	8/8/2019	6076
407 KIA will reprogram the ECU through a voluntary service campaign.	9/17/2019	491
408 An owner notification letter with a VECI label will be sent to all customers of record. The letter will provide easy instructions to the owner on how to affix the label. The owner will be given the option of having a dealer affix the label at no charge. Since the new label can be easily installed, and doing so will reduce customer income		
409 Dealers will reprogram the PCM with improved hydraulic valve adjustment control software. There will be no charge for this service to vehicle owners.	8/25/2019	18210
Emissions Service Action (J38C4) will be released to remedy the affected vehicles.	10/9/2019	6019
411 FCA US will conduct a Voluntary Emissions Recall (V33) on affected vehicles to reprogram the powertrain control module with software to correct the issue.	5/16/2019	267

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
429	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			D9KXV2.395F1	2013
430	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI			B5KXV2.395F1	2011
431	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 15:07:03	3/27/2019 15:10:43	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V AWD			HHNXT01.54R3	2017
432	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 15:07:03	3/27/2019 15:10:43	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V AWD			JHNXT01.51R3	2018
433	Audi	ADX	New Submission	Submitted	2/28/2019 9:48:51		ADX-RR-2019-0000180	Recall Report	RR	Volkswagen	GTI			CADXJ02.03UA	2012
434	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:35	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 5Dr			JHNXV01.5TH2	2018
435	Toyota Motor Corporation	TYX	Correction	Superseded	8/9/2019 9:59:45	8/21/2019 13:09:57	TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			ATYXT04.68EX	2010

	P
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
429	
	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
430	
431	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
432	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise. Analysis determined software calibrations within this report have one of the following concerns: -OBD Phase in - OBD Phase in requirements in MY14 might not be met. -Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns. -Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions. -No Information Available - Unique software on a low number of vehicles that are not possible to analyze. -Possible CO2 impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years. -Pre-series software installed - Vehicles with pre-series software in the field. (Mode A) Production SoftwareReplacement SoftwareECM or TCMTest Group 02E300054M_260702E300054M_2609TCMCADXXV02.03UA 02E300057Q_310702E300057Q_3118TCMCADXXV02.03UA 02E300057Q_311909G927750LR_2062TCMCADXXV02.03UA 02E300057R_311402E300057R_3107TCMCADXXV02.03UA 02E300058N_350102E300058N_3505TCMCADXXV02.03UA 02E300058N_351002E300058N_3509TCMCADXXV02.03UA 09G927750HC_11109G927750LR_2062TCMCADXXV02.03UA 09G927750MN_223909G927750LR_2062TCMCADXXV02.03UA 02E300057R_311402E300057R_3107TCMCADXXV02.03PA 02E300057R_311402E300058N_3509TCMDADXXV02.03UA No Info, CO2 impact, Pre-Series Production SoftwareReplacement SoftwareECM or TCMTest Group 02E300058P_351502E300058P_3509TCMDADXXV02.03UA 02E300058P_351002E300058P_3509TCMDADXXV02.03PA 1K0907115AF_00101K0907115AF_0010ECMEADXXV02.03PA 02E300058P_350902E300058P_3510TCMEADXXV02.03PA
433	
434	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
435	There is a possibility that moisture in the air may cause a filter in the air injection pump to degrade. This degradation could cause damage to other parts of the vehicle emission system and illuminate the check engine light (Malfunction Indicator Light).

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	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
429	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	1805
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
430	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6120
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	256332
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	312816
433	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	63
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	77175
435	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed	8/8/2019	10943

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
436	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR		Volkswagen	Passat		GVGAV03.6VUG	2016
437	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 8:35:16		CRX-RR-2019-0000188	Recall Report	RR					DCRXJ02.4VP1	2013
438	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 12:59:01		HNX-RR-2018-0000799	Recall Report	RR		Honda	CR-VAWD	1.5L	JHNXV01.51R3	2018
439	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR		Honda	CIVIC 2Dr	1.5L	JHNXV01.5VH3	2018
440	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR		Honda	CIVIC 4Dr	1.5L	JHNXV01.5TH2	2018
441	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR		Honda	CIVIC 4Dr	1.5L	GHNXV01.53H2	2016
442	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR		Honda	CIVIC 2Dr	1.5L	GHNXV01.56K2	2016

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	<div>Analysis determined software calibrations within this report have one of the following concerns: -OBD Phase in - OBD Phase in requirements in MY14 might not be met -Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns. -Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions. -No Information Available - Unique software on a low number of vehicles that are not possible to analyze. -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years. -Pre-series software installed - Vehicles with pre-series software in the field. Mode A: Production SoftwareReplacement SoftwareECM or TCMTest Group 06G917750PE_263006G917750NK_2627TCMPVGA02.0VUE 02E300062P_400202E300062P_4006TCMPVGA02.0VPD 02E300062C_400202E300062C_4017TCMPVGA02.0VPE 02E300062K_400202E300062K_4003TCMPVGA03.6VUG 06G900045J_64030CG300045J_6404TCMGVGA01.4VPA 02E300063P_490402E300063P_4907TCMGVGA02.0VBD 02E300063P_490402E300063P_4907TCMGVGA02.0VPD 02E300062C_400202E300062C_4017TCMGVGA02.0VPE 02E300062K_400202E300062K_4003TCMGVGA03.6VUG 02E300062K_400202E300062K_4003TCMHVGA03.6VUG OBD Phase In: Production SoftwareReplacement SoftwareECM or TCMTest Group 03H906033BM_617963H906023BM_6375ECMPVGA03.6VUG No Info, CO2 Impact, Pre-Series Production SoftwareReplacement SoftwareECM or TCMTest Group 06L906027HE_680506L906027HE_8226ECMPVGA02.0VUE</div>
437	Some 2011-2016 model year 2.0L/2.4L World Gas Engine (PWGE??) test groups containing the Dodge Journey (JC??), Chrysler 200/Dodge Avenger (J5J?), Dodge Caliber (7PM??) and Jeep® Compass/Patriot (7MK) vehicles with front-wheel drive, may exceed emissions standards due to loss of catalyst efficiency due to the combinat
438	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
439	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
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442	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
443	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr	1.5L		GHNV01.56K2	2016
444	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr	1.5L		HHNV01.5562	2017
445	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta			DVWXV02.0U36	2013
446	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	BETLE CONVERTIBLE			DVWXV02.5A59	2013
447	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	CC			DVWXV03.6U46	2013
448	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta			DVWXV02.5M59	2013
449	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR	KIA	Stinger RWD			JKMXV03.34V6	2018
450	Mercedes Benz	MBX	Correction	Submitted	4/9/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					GMBXJ02.0U2C	2016

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443	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
444	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met.-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OCB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>OCB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2251TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p>
445	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met.-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OCB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>OCB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2251TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p>
446	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met.-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OCB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>OCB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2251TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p>
447	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met.-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OCB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>OCB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2251TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>OCG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p>
448	<p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate.</p> <p>Kia will replace the misprinted filler caps with the right ones.</p>
449	<p>Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for long</p>

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	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>A part of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 [EPA HNX-RR-2019-0000073] previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	55249
	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>A part of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 [EPA HNX-RR-2019-0000073] previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	72400
	445 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
	446 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	10
	447 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	62
	448 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2553
	449 Kia will replace the oil filler caps through a dealer service campaign free of charge.	9/2/2019	307
	450 Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onward.	3/13/2019	70999

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
451	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			JHNKV01.5TH2	2018
452	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			JHNKV01.5TH2	2018
453	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:24:52		NSX-RR-2019-0000006	Recall Report	RR	NISSAN	ALTIMA AWD			KNXKV02.9RPA	2019
454	Toyota Motor Corporation	TYX	New Submission	Superseded	1/28/2019 13:47:06	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			DTYKV01.8HC3	2013
455	Toyota Motor Corporation	TYX	New Submission	Superseded	1/28/2019 13:47:06	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			CTYKV01.8HC3	2012
456	Toyota Motor Corporation	TYX	Correction	Submitted	3/28/2019 14:52:20		TYX-RR-2019-0000198	Recall Report	RR	TOYOTA	AVALON HYBRID			KTYKV02.5P33	2019
457	Ford Motor Company	FMX	New Submission	Submitted	2/6/2019 9:55:01		FMX-RR-2019-0000091	Recall Report	RR					JFMKV02.32EX	2018
458	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			ATYKV01.8HC3	2010
459	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			ETYKV01.8HC3	2014
460	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:04:40		CRX-RR-2019-0000025	Recall Report	RR					JCRXV03.65P0	2018
461	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:04:40		CRX-RR-2019-0000025	Recall Report	RR					JCRXV05.75P0	2018
462	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			D9KXV2.395F1	2013
463	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI FWD			A5KXV2.395F1	2010

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451	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
452	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
453	<p>On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may leak fuel.</p>
454	<p>The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high current flow through the IPM, which can result in a fuel leak.</p>
455	<p>The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high current flow through the IPM, which can result in a fuel leak.</p>
456	<p>There was a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicles could leak fuel and may not meet certain U.S. federal motor vehicle safety standard requirements. In the presence of an ignition source, a fuel leak could increase the risk of a fire.</p>
457	<p>Some 2018 MY 2.3L Explorer gasoline turbocharged direct injection (GTDI) vehicles were built with a fuel pressure sensor that may not have been assembled correctly into the fuel tank/jumper tube, which can result in a fuel leak.</p>
458	<p>The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high current flow through the IPM, which can result in a fuel leak.</p>
459	<p>The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high current flow through the IPM, which can result in a fuel leak.</p>
460	<p>Some 2018 Dodge Challenger (7LA7?) and Dodge Charger (7LD7?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (PCC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>Some vehicles, noted above, within this Voluntary Safety Recall may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>
461	<p>Some 2018 Dodge Challenger (7LA7?) and Dodge Charger (7LD7?) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (PCC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.</p> <p>Some vehicles, noted above, within this Voluntary Safety Recall may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.</p>
462	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>
463	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>

	Q	R	S
	<p>To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:</p> <p>451. Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p>	3/7/2019	77175
	<p>To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:</p> <p>452. Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p> <p>453. Nissan dealer technicians will inspect the low-pressure fuel tube retainer locking clip and fuel hose holding clip. If necessary, the technician will properly route the fuel hose into the holding clip and lock the retainer clip into place.</p> <p>454. This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced at no charge.</p> <p>455. This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced at no charge.</p> <p>456. Any authorized Toyota dealer will inspect the fuel filler pipe to confirm if it is properly installed and, IF NECESSARY, replace the fuel filler pipe FREE OF CHARGE.</p> <p>457. Dealers will replace the fuel line assembly on all affected vehicles.</p> <p>458. This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced at no charge.</p> <p>459. This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced at no charge.</p>	3/7/2019 2/4/2019 1/28/2019 1/28/2019 3/22/2019 12/14/2018 1/22/2019	77175 23865 14753 125416 140 143 250535 38103
	<p>460. FCA US is conducting an emissions-related voluntary safety recall (U60) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.</p>	6/21/2018	74965
	<p>461. FCA US is conducting an emissions-related voluntary safety recall (U60) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.</p>	6/21/2018	6015
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1 kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p> <p>462. (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.</p>	8/9/2019	1805
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1 kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p> <p>463. (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.</p>	8/9/2019	6807

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
464	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			BSKXV2.395F1	2011
465	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S			BSKXV2.395F1	2011
466	Kia Motors Corporation	KMX	Correction	Submitted	9/23/2019 11:28:21		KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte Koup			EKMXV02.0EFP	2014
467	BMW	BMX	New Submission	Submitted	10/28/2019 8:45:55		BMX-RR-2019-0000469	Recall Report	RR					GBMXT02.0N47	2016
468	BMW	BMX	New Submission	Submitted	10/28/2019 11:10:45		BMX-RR-2019-0000466	Recall Report	RR					CBMXT03.0M57	2012
469	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/28/2019 14:18:53		VGA-RR-2019-0000896	Recall Report	RR	Audi	Q7			PVGAT03.0N1J3	2015
470	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/4/2018 11:06:11		VGA-RR-2018-0000091	Recall Report	RR	Audi	S5			JVGAI03.0N7F	2018
471	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/4/2018 11:06:11		VGA-RR-2018-0000091	Recall Report	RR	Audi	S4			JVGAI03.0N7F	2018

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	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
464	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6120
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
465	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6120
	<p>KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.</p>	8/8/2019	2348
466	KIA will reprogram the ECU through a voluntary service campaign.		
467	Since January 2017 (N47x) and March 2017 (N57x), standard production installs high pressure pumps with increased robustness.	4/25/2019	1695
	<p>i) An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09.</p> <p>ii) An improved hardware (a shrinking hose with hot melt ensuring that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10.</p>		
468		10/5/2018	2371
469	The necessary software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated October 25, 2019.	11/25/2019	6082
470	Install applicable emissions labels via Service Action 50D3 with customer notification.	8/1/2017	562
471	Install applicable emissions labels via Service Action 50D3 with customer notification.	8/1/2017	562

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
472	Volkswagen	VWX	Correction	Submitted	5/4/2018 9:46:17		VWX-RR-2018-0000060	Recall Report	RR	Volkswagen	Passat			EVWV02.0U45	2014
473	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	BETLE CONVERTIBLE			EVWV02.0U5N	2014
474	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	JETTA SPORTWAGEN			AVWV02.0U5N	2010
475	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	GOLF			CVWV02.0U5N	2012
476	BMW	BMX	New Submission	Submitted	5/11/2018 14:47:49		BMX-RR-2018-0000127	Recall Report	RR					FBMV03.0N57	2015
477	BMW	BMX	New Submission	Superseded	5/11/2018 14:51:57	7/25/2018 20:36:42	BMX-RR-2018-0000125	Recall Report	RR					DBMV04.4563	2013
478	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q60 AWD	2.0		JNSKV02.0NJA	2018
479	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q50 AWD	2.0		JHNSKV02.0NJA	2017
480	FCAUS LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee 4x4 Active Drive II			JCRXT02.45P3	2018
481	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	GMC	CANYON 4WD			JGMKT02.5200	2018

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472	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K4) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	5/24/2018	33160
473	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017	8/11/2017	51249
474	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017	8/11/2017	57313
475	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017	8/11/2017	62604
476	1. New sensor element (KP02). 2. New sensor element (KP02). 3. Optimized application and sensor installation position. 4. New sensor element (KP02).	4/20/2018	1501
477	The corrective measure consists of modifying the high pressure fuel pump gasoline filter. The filter and filter housing will be designed with a more robust material to prevent deterioration. The filter material PA is replaced with PEEK and filter housing material PA is replaced with PPA.	4/20/2018	4559
478	Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.	7/30/2018	844
479	Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.	7/30/2018	7917
480	FCA US will perform an emissions-related voluntary safety recall (U39) on affected vehicles to inspect the fuel supply tube for damage and replace those that are torn or have partial material loss.	5/24/2018	16192
481	General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.	6/19/2018	213

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
482	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	Chevrolet	COLORADO 4WD			JGMKT02.5200	2018
483	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	GMC	ACADIA FWD			JGMKT02.5201	2018
484	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					CHNXV02.4MC3	2012
485	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					CHNXV01.8VC2	2012
486	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					DHNXV01.82C2	2013
487	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					CHNXV01.8CB2	2012
488	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	7/13/2018 13:40:20		VGA-RR-2018-0000295	Recall Report	RR	Volkswagen	Golf SportWagen 4Motion			JVGAV02.0APA	2018
489	BMW	BMX	New Submission	Submitted	7/25/2018 20:22:34		BMX-RR-2018-0000336	Recall Report	RR					EBMXV00.613R	2014
490	BMW	BMX	Correction	Submitted	7/25/2018 20:36:42		BMX-RR-2018-0000125	Recall Report	RR					DBMXV04.4N63	2013
491	BMW	BMX	New Submission	Submitted	7/25/2018 20:43:08		BMX-RR-2018-0000135	Recall Report	RR					JBMXJ04.4N63	2018
492	BMW	BMX	New Submission	Submitted	7/25/2018 20:54:35		BMX-RR-2018-0000337	Recall Report	RR					JBMXJ02.0N20	2018

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
493	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		GASXV01.8G1A	2016
494	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	VERSA	1.6		GASXV01.6G4A	2016
495	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		GASXV02.5G5A	2016
496	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	VERSA	1.6		DNSXV01.6G4A	2013
497	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE AWD	2.5		ENSXT02.5G5B	2014
498	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA	2.5		GASXV02.535A	2016
499	General Motors LLC	GMX	New Submission	Submitted	8/15/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXV02.5050	2018

	Q	R	S
493	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	6378
494	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	7645
495	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8550
496	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	2730
497	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	524
498	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1869
499	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	9/9/2018	8

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
500	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BETLE CONVERTIBLE			EVWV02.03PA	2014
501	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BETLE			EVWV02.03PA	2014
502	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle			HVGAV02.0VPD	2017
503	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle Convertible			GVGAV02.0VBD	2016
504	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x4			FCRXJ01.4SPD	2015
505	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	FIAT	500X			HCRXJ01.4SPD	2017
506	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD			GTXYT03.5MEM	2016
507	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD			HTXYT03.5M5N	2017
508	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			ETXYV03.5BEB	2014
509	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			DTXYV03.5BEB	2013
510	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450h			BTXYV03.5CCA	2011
511	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450H			7TYXV03.5CC1	2007
512	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			6TYXV03.5PEB	2006
513	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450h			ATXYV03.5CCA	2010
514	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			CTXYV03.5BEB	2012
515	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 450H			8TYXV03.5CCA	2008
516	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			BTXYV03.5BEB	2011
517	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			ATXYV03.5BEB	2010
518	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 C			ETXYV03.5BEB	2014
519	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			DTXYV03.5BEB	2013

	P
	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPFA)</p> <p>06K906070T V9345 (MY13-14 Jetta, CPLA)</p> <p>06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA)</p> <p>06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA)</p> <p>06K906070F V9360 (MY14 Jetta, CPFA)</p> <p>06K906070D V9361 (MY14 Jetta, CPKA)</p> <p>06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA)</p> <p>06K906070J V9364 (MY14 Passat, CPRA)</p> <p>06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18</p> <p>FF_DV2.03PA_10_18</p> <p>FF_EV2.085F_13_18</p> <p>FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor:</p> <p>Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor.</p> <p>Solutions:</p> <p>(1) Correct the target lambda value for specific blocks within the fuel calibration map.</p> <p>(2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to.</p> <p>-Suction Tube Model:</p> <p>Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers.</p> <p>Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>
500	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPFA)</p> <p>06K906070T V9345 (MY13-14 Jetta, CPLA)</p> <p>06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA)</p> <p>06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA)</p> <p>06K906070F V9360 (MY14 Jetta, CPRA)</p> <p>06K906070D V9361 (MY14 Jetta, CPKA)</p> <p>06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA)</p> <p>06K906070J V9364 (MY14 Passat, CPRA)</p> <p>06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18</p> <p>FF_DV2.03PA_10_18</p> <p>FF_EV2.085F_13_18</p> <p>FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor:</p> <p>Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor.</p> <p>Solutions:</p> <p>(1) Correct the target lambda value for specific blocks within the fuel calibration map.</p> <p>(2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to.</p> <p>-Suction Tube Model:</p> <p>Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers.</p> <p>Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>
501	<p>Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K997071F V9371 (MY15 Passat, CPKA)</p> <p>06K997071G V9372 (MY15 Passat, CPRA)</p> <p>06K997071B V9350 (MY15 Jetta, CPKA)</p> <p>06K997071C V9351 (MY15 Jetta, CPRA)</p> <p>06K997071J V9357 (MY15 Jetta, CPFA)</p> <p>06K997071H V9356 (MY15 Jetta, CPLA)</p> <p>06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA)</p> <p>06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA)</p> <p>06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA)</p> <p>06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071AF V4869 (MY16 Passat, CPKA)</p> <p>06K997072C V4883 (MY16 Passat, CPKA)</p> <p>06K906071AH V4871 (MY16 Jetta, CPKA)</p> <p>06K997071T V4879 (MY16 Jetta, CPKA)</p> <p>06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA)</p> <p>06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA)</p> <p>06K906071AG V4870 (MY16 Passat, CPRA)</p> <p>06K906072D V4884 (MY16 Passat, CPRA)</p> <p>06K906071AJ V4872 (MY16 Jetta, CPRA)</p> <p>06K997072 V4880 (MY16 Jetta, CPRA)</p> <p>06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA)</p> <p>06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA)</p> <p>06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA)</p> <p>06K906071AS V4875 (MY16 Jetta, CPLA)</p> <p>06K997072E V4885 (MY16 Jetta, CPLA)</p>
502	<p>Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K997071F V9371 (MY15 Passat, CPKA)</p> <p>06K997071G V9372 (MY15 Passat, CPRA)</p> <p>06K997071B V9350 (MY15 Jetta, CPKA)</p> <p>06K997071C V9351 (MY15 Jetta, CPRA)</p> <p>06K997071J V9357 (MY15 Jetta, CPFA)</p> <p>06K997071H V9356 (MY15 Jetta, CPLA)</p> <p>06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA)</p> <p>06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA)</p> <p>06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA)</p> <p>06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071AF V4869 (MY16 Passat, CPKA)</p> <p>06K997072C V4883 (MY16 Passat, CPKA)</p> <p>06K906071AH V4871 (MY16 Jetta, CPKA)</p> <p>06K997071T V4879 (MY16 Jetta, CPKA)</p> <p>06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA)</p> <p>06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA)</p> <p>06K906071AG V4870 (MY16 Passat, CPRA)</p> <p>06K906072D V4884 (MY16 Passat, CPRA)</p> <p>06K906071AJ V4872 (MY16 Jetta, CPRA)</p> <p>06K997072 V4880 (MY16 Jetta, CPRA)</p> <p>06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA)</p> <p>06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA)</p> <p>06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA)</p> <p>06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA)</p> <p>06K906071AS V4875 (MY16 Jetta, CPLA)</p> <p>06K997072E V4885 (MY16 Jetta, CPLA)</p>
503	
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD??) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL??) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.</p>
504	
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD??) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL??) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.</p>
505	
506	<p>There is a possibility that the blower motor fan hub in the involved vehicles was produced with improper dimensions. A blower motor fan hub with improper dimensions may develop a crack over time. If a vehicle is continuously operated with this condition, the damage may worsen, leading to an abnormal noise and eventually a</p>
507	<p>There is a possibility that the blower motor fan hub in the involved vehicles was produced with improper dimensions. A blower motor fan hub with improper dimensions may develop a crack over time. If a vehicle is continuously operated with this condition, the damage may worsen, leading to an abnormal noise and eventually a</p>
508	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
509	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
510	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
511	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
512	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
513	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
514	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
515	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
516	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
517	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
518	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>
519	<p>The involved vehicles are equipped with a certain 3.5-liter V6 gasoline engine. The diaphragm material in the fuel pulsation dampers in this engine may harden over time and crack, causing fuel to leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.</p>

	Q	R	S
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	11947
500			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	11947
501			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018	8/30/2018	116865
502			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018	8/30/2018	24901
503			
	-FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	293
504			
	-FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	1061
505	Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.	9/14/2018	17127
506	Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.	9/14/2018	132169
507	Toyota will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	924
508	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	1403
509	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	425
510	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	3424
511	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	15511
512	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/23/2018	241
513	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	3909
514	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	773
515	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	10039
516	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	12987
517	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	924
518	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	1403
519	Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.	8/31/2018	1403

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
520	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR						JCRXT02.4SP0	2018
521	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR		HONDA	PILOT 4WD	3.5L	SAT	4HNXT03.5EA6	2004
522	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR		HONDA	ACCORD	2.3L	4AT	XHNXV02.3PL4	1999
523	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR		HONDA	ACCORD	2.4L	SAT	6HNXV02.4CMC	2006
524	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR		HONDA	ACCORD 4DR SEDAN	3.5L	SAT, 6MT	8HNXV03.5VXR	2008
525	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR		HONDA	ACCORD 2DR COUPE	3.5L	SAT	8HNXV03.5BMC	2008
526	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR						AHNXV02.4MB3	2010
527	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR						DHNXV02.4NC3	2013
528	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/8/2018 12:39:55		NSX-RR-2018-0000618	Recall Report	RR		NISSAN	MURANO PWD			JNSXV03.5P7C	2018
529	Audi	ADX	New Submission	Submitted	10/23/2018 16:31:25		ADX-RR-2018-0000646	Recall Report	RR		Volkswagen	Touareg			AADX03.03LD	2010
530	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR						HMBXV02.0U2A	2017
531	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR						HMBX02.0U2C	2017
532	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR		MASERATI	GranTurismo Convertible			BMAXV04.7LEV	2011
533	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR		MASERATI	GranTurismo Convertible			DMAXV04.7LEV	2013
534	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR		MASERATI	GRANTURISMO CONVERTIBLE			FMAXV04.7LEV	2015
535	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/20/2019 9:09:02		VGA-RR-2019-0000444	Recall Report	RR		Audi	Q5			GVGAJ03.0NU4	2016
536	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/20/2019 9:09:02		VGA-RR-2019-0000444	Recall Report	RR		Audi	A6 quattro			PVGAJ03.0NU4	2015
537	FCA US LLC	CRX	New Submission	Submitted	8/8/2019 11:16:40		CRX-RR-2019-0000615	Recall Report	RR						ECRXT03.65P0	2014
538	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR		Honda	ACCORD			HHNXV03.5GK3	2017
539	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR		Honda	ACCORD			FHNXV03.5MK3	2015
540	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR		Acura	TLX AWD A-SPEC			JHNXV03.5LH3	2018
541	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR		Acura	TLX AWD A-SPEC			XHNXV03.5HH3	2019
542	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR		Dodge	Charger			FCRXV05.75P1	2015
543	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR		Dodge	Charger			BCRXV03.6UPA	2011
544	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR		Dodge	Charger			BCRXV03.6VP0	2011

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545	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			ECRXV03.65P0	2014
546	Toyota Motor Corporation	TYX	New Submission	Submitted	3/13/2019 15:04:49		TYX-RR-2019-0000205	Recall Report	RR	TOYOTA	COROLLA HATCHBACK			KTYXV02.0N48	2019
547	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:32	KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte			EKMXV02.0EFP	2014
548	Toyota Motor Corporation	TYX	Correction	Submitted	8/21/2019 13:09:57		TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			BTYXU04.6BEX	2011
549	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	CX-5 4WD			JTKXT02.5CDA	2018
550	Audi	ADX	New Submission	Submitted	8/12/2019 15:19:38		ADX-RR-2019-0000632	Recall Report	RR	Audi	A8			EADXU03.04UG	2014
551	Audi	ADX	New Submission	Submitted	8/12/2019 15:19:38		ADX-RR-2019-0000632	Recall Report	RR	Audi	ABL			EADXU03.04UG	2014
552	Volkswagen	VWX	New Submission	Submitted	9/11/2019 15:15:43		VWX-RR-2019-0000699	Recall Report	RR	Volkswagen	Jetta Hybrid			EVWXV01.4HEV	2014
553	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G90 AWD			JHYXV03.31MF	2018
554	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	HYUNDAI	Sonata			JHYXV02.4AJ5	2018

	P
545	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
546	In the affected vehicles, there is a possibility that the torque converter in the Continuously Variable Transmission (CVT) could fail. Under certain conditions this could result in a loss of motive power. Loss of motive power while driving at higher speeds could increase the risk of crash.
	Some 2014*2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
547	To correct this problem, Kia will reprogram the ECU data.
548	There is a possibility that moisture in the air may cause a filter in the air injection pump to degrade. This degradation could cause damage to other parts of the vehicle emission system and illuminate the check engine light (Malfunction Indicator Light).
	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire, loss of engine power, and/or Malfunction Indicator Light (MIL) illumination. ?
549	In the worst case, engine stall without the ability to be restarted can occur while driving, which may increase the risk of a crash. No accidents, injuries, or deaths have been reported from the field to date as a result of this defect.
	Complaint: No known customer complaint Component: EGR Cooler Possible DTCs Present: No DTCs present Analysis: Due to a parts catalog error, an incorrect EGR Cooler and Valve Assembly may have been installed on some vehicles during a past service repair visit. Audi will inspect, and if needed replace the component as a proactive measure to ensure continued emissions compliance. Incorrect Part Number: EGR Cooler (059 131 515 FJ) Correct Part Number: EGR Cooler (059 131 515 FP)
550	
	Complaint: No known customer complaint Component: EGR Cooler Possible DTCs Present: No DTCs present Analysis: Due to a parts catalog error, an incorrect EGR Cooler and Valve Assembly may have been installed on some vehicles during a past service repair visit. Audi will inspect, and if needed replace the component as a proactive measure to ensure continued emissions compliance. Incorrect Part Number: EGR Cooler (059 131 515 FJ) Correct Part Number: EGR Cooler (059 131 515 FP)
551	
	On affected vehicles, the Mechatronic Unit service replacement was configured with a European software calibration. Part numbers involved: Europe Spec Part Number: OCG 325.025.8.203 with SW (5801) USA Spec Part Number: OCG 325.025.8.203 with SW (6304 and 6404)
552	
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
553	
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
554	

	Q	R	S
	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	3316
545	The transmission and torque converter will be replaced with new parts not affected by this condition, FREE OF CHARGE.	3/22/2019	3424
	KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.	8/8/2019	2348
547	KIA will reprogram the ECU through a voluntary service campaign.	8/8/2019	10215
548	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed		
549	Dealers will reprogram the PCM with improved hydraulic valve adjustment control software. There will be no charge for this service to vehicle owners.	8/25/2019	142430
	Production: Vehicles out of Production Service: Parts catalog has been updated to reflect the correct part number. VWGoA will release an Emissions Service Action (2619) with Customer Notification to repair the affected vehicles	8/14/2019	36
550			
	Production: Vehicles out of Production Service: Parts catalog has been updated to reflect the correct part number. VWGoA will release an Emissions Service Action (2619) with Customer Notification to repair the affected vehicles	8/14/2019	36
551			
552	Emissions Service Action (38C4) will be released to remedy the affected vehicles	10/9/2019	1882
553	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	40
554	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	234

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
555	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	HYUNDAI	Santa Fe Sport AWD			JHYXV02.41W5	2018
556	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	HYUNDAI	Santa Fe Sport FWD			JHYXV02.41W5	2018
557	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	9/11/2019 15:39:23		VGA-RR-2019-0000701	Recall Report	RR	Volkswagen	Jetta Hybrid			PVGAV01.0VPA	2019
558	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 4Dr			KHNXV01.52L2	2019
559	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER			JTYXT03.5MSM	2018
560	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	SIENNA AWD			JTYXT03.5MSM	2018
561	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	4/24/2019 12:41:48		NSX-RR-2019-0000284	Recall Report	RR	NISSAN	ALTIMA			KNSXV02.58PA	2019
562	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:30:27		CRX-RR-2019-0000027	Recall Report	RR	Chrysler	Pacifica			JCRXT03.65P4	2018
563	Audi	ADX	New Submission	Superseded	5/1/2019 10:43:54	5/1/2019 10:49:18	ADX-RR-2019-0000304	Recall Report	RR	Audi	A6 quattro			6ADXV03.04UG	2014
564	Ford Motor Company	FMX	New Submission	Submitted	7/22/2019 9:08:31		FMX-RR-2019-0000542	Recall Report	RR					KFMXV05.0VKN	2019
565	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	SCION	FR-S			DFIXV02.0AJM	2013
566	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA AWD			CFIXJ02.5MXG	2012
567	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	XV CROSS TREK AWD			EFIXJ02.5NKR	2014
568	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA AWD			EFIXJ02.5NKR	2014
569	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 7:22:15		VGA-RR-2019-0000176	Recall Report	RR	Audi	S3			GVGAV02.0AUJ	2016
570	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 4Dr			HHNXV01.55K2	2017
571	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 4Dr			HHNXV01.56H3	2017
572	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 4Dr			GHNXV01.56K2	2016
573	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 15:10:42	6/17/2019 12:59:01	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V AWD			JHNXT01.51R3	2018

	Q	R	S
555	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	1038
556	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	1038
557	Emissions Service Action (S8C4) will be released to remedy the affected vehicles.	10/10/2019	552
558	The PCM software will be updated to correct the OBD monitor and correct the possible false MIL.	4/30/2019	9107
559	This Customer Support Program provides coverage for damage to the U480 transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	145
560	This Customer Support Program provides coverage for damage to the U480 transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	145
561	Nissan will notify all owners of potentially affected vehicles requesting that they take their vehicle to a Nissan dealer where the dealer will inspect the fuel pump assembly for proper fuel pump lock ring engagement. If partially disengaged, the dealer will tighten the fuel pump lock ring using a special tool, to the correct specification.	5/13/2019	347
562	FCA US is conducting an emissions-related voluntary safety recall (U64) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	7/3/2018	51642
563	Volkswagen Group of America, Inc. will initiate campaign (26K6) to inspect and install a replacement Selective Catalytic Converter on affected vehicles.	7/1/2018	2443
564	Dealers will reprogram the instrument panel cluster.	3/4/2019	776
565	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	34752
566	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	4492
567	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	1
568	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	1
569	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
570	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	26082
571	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	4466
572	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	20587
573	To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date. Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below: In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise. Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.	4/11/2019	312816

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
574	Audi	ADX	New Submission	Submitted	2/28/2019 9:48:51		ADX-RR-2019-0000180	Recall Report	RR	Volkswagen	GTI			DADXV02.03PA	2013
575	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			JHNXV01.5TH2	2018
576	Toyota Motor Corporation	TYX	Correction	Superseded	8/9/2019 9:59:45	8/21/2019 13:09:57	TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			CTNYX04.68EX	2012
577	Toyota Motor Corporation	TYX	Correction	Superseded	8/9/2019 9:59:45	8/21/2019 13:09:57	TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			BTYXT04.68EX	2011
578	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Passat			FVGAV02.0VPD	2015
579	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Jetta			FVGAV02.0VPD	2015
580	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Jetta Hybrid			GVGAV01.4VPA	2016
581	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 12:59:01		HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V FWD	1.5L		HHNXT01.54R3	2017

	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in- OBD Phase in requirements in MY14 might not be met-Mode A deactivated -TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305 may experience elevated FTP Nox emissions.-No Information Available -Unique software on a low number of vehicles that are not possible to analyze. <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300054M_260702E300054M_2609TCMCADKV02.03UA</p> <p>02E3000057Q_310702E300057Q_3118TCMCADKV02.03UA</p> <p>02E300057Q_3119096927750L_2062TCMCADKV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADKV02.03UA</p> <p>02E300058N_350102E300058N_3505TCMCADKV02.03UA</p> <p>02E300058N_351002E300058N_3509TCMCADKV02.03UA</p> <p>09G927750HC_111109G927750L_2062TCMCADKV02.03UA</p> <p>09G927750MN_233909G927750L_2062TCMCADKV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADKV02.03PA</p> <p>02E300057R_311402E300058N_3509TCMCADKV02.03UA</p> <p>No Info, CO2 impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300058P_351502E300058P_3509TCMCADKV02.03UA</p> <p>02E300058P_351002E300058P_3509TCMCADKV02.03PA</p> <p>140907115AF_0010140907115AT_0020ECMEAGV02.03PA</p> <p>02E300058P_350902E300058P_3510TCMEAGV02.03PA</p>
574	
575	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
576	There is a possibility that moisture in the air may cause a filter in the air injection pump to degrade. This degradation could cause damage to other parts of the vehicle emission system and illuminate the check engine light (Malfunction Indicator Light).
577	There is a possibility that moisture in the air may cause a filter in the air injection pump to degrade. This degradation could cause damage to other parts of the vehicle emission system and illuminate the check engine light (Malfunction Indicator Light).
	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in- OBD Phase in requirements in MY14 might not be met-Mode A deactivated -TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305 may experience elevated FTP Nox emissions.-No Information Available -Unique software on a low number of vehicles that are not possible to analyze. <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_2627TCMPFVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPFVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPFVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMPFVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMPFVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMPFVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPFVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPFVGAJ03.6VUG</p> <p>No Info, CO2 impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>06J906027HE_680506J906027HE_8226ECMPFVGAJ02.0VUE</p>
578	
	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in- OBD Phase in requirements in MY14 might not be met-Mode A deactivated -TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305 may experience elevated FTP Nox emissions.-No Information Available -Unique software on a low number of vehicles that are not possible to analyze. <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_2627TCMPFVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPFVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPFVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMPFVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMPFVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMPFVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPFVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPFVGAJ03.6VUG</p> <p>No Info, CO2 impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>06J906027HE_680506J906027HE_8226ECMPFVGAJ02.0VUE</p>
579	
	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in- OBD Phase in requirements in MY14 might not be met-Mode A deactivated -TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305 may experience elevated FTP Nox emissions.-No Information Available -Unique software on a low number of vehicles that are not possible to analyze. <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_2627TCMPFVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPFVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPFVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMPFVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMPFVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMPFVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPFVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMPFVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPFVGAJ03.6VUG</p> <p>No Info, CO2 impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>06J906027HE_680506J906027HE_8226ECMPFVGAJ02.0VUE</p>
580	
581	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.

	Q	R	S
574	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
575	To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date. Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below: In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise. Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.	4/11/2019	77175
576	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed.	8/8/2019	7327
577	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed.	8/8/2019	10215
578	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	19
579	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	19
580	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	4
581	To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage. Apart of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 (EPA HNX-RR-2018-0000785) previously launched in 21 affected cold weather states. Those repairs are listed below: No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free. If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.	6/29/2019	256332

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
582	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta			DVWXV02.03PA	2013
583	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	GOLF			DVWXV02.5A59	2013
584	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	CC			EVWXV02.03UA	2014
585	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	BETLE CONVERTIBLE			DVWXV02.0B5F	2013
586	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	BETLE CONVERTIBLE			DVWXV02.5M59	2013
587	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	JETTA SPORTWAGEN			DVWXV02.5M59	2013
588	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					JMBXT03.0U2A	2016
589	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					GMBXT03.0U2B	2016
590	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					JMBXT03.0U2B	2018

	Q	R	S
582	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	252
583	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	10
584	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
585	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
586	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2553
587	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2553
588	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onward.	3/13/2019	1
589	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onward.	3/13/2019	130
590	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onward.	3/13/2019	562

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
591	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC SDr			JHNXV01.5362	2018
592	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			JHNXV01.5362	2018
593	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			HHNXV01.5562	2017
594	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:24:52		NSX-RR-2019-0000006	Recall Report	RR	NISSAN	ALTIMA			KNXV02.5RPA	2019
595	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:24:52		NSX-RR-2019-0000006	Recall Report	RR	NISSAN	ALTIMA SR/PLATINUM			KNXV02.5RPA	2019
596	Toyota Motor Corporation	TYX	New Submission	Superseded	1/29/2019 13:47:06	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS v			DTYVW01.9CCU	2013
597	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			CTYVW01.8HC3	2012
598	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	4/17/2019 8:22:51		VGA-RR-2019-0000278	Recall Report	RR	Volkswagen	Beetle Convertible			KVGAV02.0V3R	2019
599	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI			BSKXV2.395F1	2011
600	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	11/5/2019 7:06:20		VGA-RR-2019-0000914	Recall Report	RR	Audi	A3			JVGAV02.0A3A	2018
601	Kia Motors Corporation	KMX	Correction	Submitted	9/23/2019 11:28:21		KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte			FKMXV02.0EFP	2015

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591	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
592	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
593	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
594	On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may leak.
595	On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may leak.
596	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high current to flow through the IPM.
597	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormally high current to flow through the IPM.
598	Complaint: No known complaints. Component: Vehicle Emission Certification Information (VECI) Label Part Number ? Production: 06K-010-005-AQ Part Number ? Replacement: 06K-010-005-AQ Part Number ? Analysis: Does not apply Analysis: 31 vehicles were produced with a VECI label containing a missing character in the 5th position of the evaporative family. Corrected VECI labels will be installed to correct the current Evaporative Family Name 7KVG_A_0110VBD?? by adding an 7R?? to the 5th character position. The final corrected Evaporative Family Name is 7KVGAR0110VBD??.
599	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
600	Defect Description: Complaint: No known customer complaints Component: Engine Control Module (ECM) Software (SW) Calibration Possible DTCs Present: No known DTCs Analysis: The ECM Clamp 30 (constant battery voltage) Circuit Monitor, which affects the ?engine-off timer?? calculation, may impede activation of the Malfunction Indicator Light (MIL). Also, during an internal review, BOSCH (supplier) identified that the O2 Sensor aging correction factor could lead to a deviation in the calculated O2 Sensor lambda value for vehicles with 50,000 miles or more. MY Make Model Production Part Number Replacement Part Number 2017 Audi A3 8V0.907.115.B V00068V0.907.115.B V0007 2017 Audi A4 8V0.907.115.C V00068V0.907.115.C V0006 2018 Audi A3 8V0.907.115.B V00068V0.907.115.B V0007 2018 Audi A4 8V0.907.115.C V00068V0.907.115.C V0006
601	Some 2014-2016 model year KIA Forte may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition. To correct this problem, Kia will reprogram the ECU data.

	Q	R	S
	<p>To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:</p> <p>591 Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p>	3/7/2019	61710
	<p>To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:</p> <p>592 Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p>	3/7/2019	61710
	<p>To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below:</p> <p>593 Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p> <p>594 Nissan dealer technicians will inspect the low-pressure fuel tube retainer locking clip and fuel hose holding clip. If necessary, the technician will properly route the fuel hose into the holding clip and lock the retainer clip into place.</p> <p>595 Nissan dealer technicians will inspect the low-pressure fuel tube retainer locking clip and fuel hose holding clip. If necessary, the technician will properly route the fuel hose into the holding clip and lock the retainer clip into place.</p> <p>596 This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced.</p> <p>597 This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced.</p>	3/7/2019 2/4/2019 2/4/2019 1/28/2019 1/22/2019	72400 23865 23865 33795 125416
	<p>598 Customers are asked to take their vehicle to an authorized dealer of the manufacturer to have the label installed, as needed, at no cost. Affected Volkswagen owners will be mailed a notification of recall on or about April, 2019. Enclosed are examples of Dealer Circulars and Customer Letters.</p>	4/23/2019	31
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1 kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p> <p>599 (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.</p>	8/9/2019	6120
	<p>Production: Vehicles out of Production Service: Updated ECM software will be released with Emission Service Action 23A1.</p> <p>600</p>	12/4/2019	8610
	<p>KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.</p> <p>601 KIA will reprogram the ECU through a voluntary service campaign.</p>	8/8/2019	6076

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
602	Kia Motors Corporation	KMX	New Submission	Submitted	9/23/2019 14:04:55		KMX-RR-2019-0000722	Recall Report	RR	HYUNDAI	Elantra Coupe			EBMXV02.0EFP	2014
603	BMW	BMX	New Submission	Submitted	10/28/2019 8:44:01		BMX-RR-2019-0000472	Recall Report	RR					HBMXV04.4N63	2017
604	BMW	BMX	New Submission	Submitted	10/28/2019 9:02:17		BMX-RR-2019-0000467	Recall Report	RR					EBMXV03.0N57	2014
605	Audi	ADX	New Submission	Submitted	10/28/2019 13:49:00		ADX-RR-2019-0000895	Recall Report	RR					DADXT03.02UG	2013
606	FCA US LLC	CRX	New Submission	Submitted	10/24/2019 16:03:23		CRX-RR-2019-0000835	Recall Report	RR	Volkswagen	TOUAREG			KCRXT05.75P1	2019
607	BMW	BMX	New Submission	Superseded	5/3/2018 12:09:59	7/25/2018 19:37:55	BMX-RR-2018-0000074	Recall Report	RR					DBMXV04.4N63	2013
608	BMW	BMX	New Submission	Superseded	5/3/2018 12:09:59	7/25/2018 19:37:55	BMX-RR-2018-0000074	Recall Report	RR					EBMXV04.4563	2014
609	Volkswagen	VWX	New Submission	Submitted	5/4/2018 9:43:54		VWX-RR-2018-0000087	Recall Report	RR	Volkswagen	Passat			CVWXV02.0U45	2012

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602	Some 2014*2016 model year Hyundai Elantra 2.0L and Elantra Coupe 2.0L may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.																								
603	<p>The upper/lower air flaps were replaced on a number of 7 & 5 series vehicles due to two reasons:</p> <p>i) Contamination (mix of transmission oil, brush dust and copper abrasion) of the commutator (dubbed commutator slit) leads to an increased current of the actuator so that this component fails.</p> <p>ii) The kinematics/component "spacer" (connecting element of the coupling bar between actuator and the shutters) could be unhinged or lost, so that the shutters could not be controlled/moved any more.</p> <p>As a result a fault code is stored including MIL illumination.</p>																								
604	<p>Analysis have shown that the component NOx Sensor (up- and downstream) has been malfunctioning due to magnesium oxidation at the sensor element which leads to deviation of the sensor curve and thus to a fault code storage and MIL illumination.</p>																								
605	<p>Volkswagen / Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Volkswagen / Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7.</p> <p>Software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated October 25, 2019.</p> <p>With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 10/25/2019, following the defined consent decree submission pathway). The other changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated October 25, 2019.</p> <p>In addition, the software part numbers are as follows:</p> <table><tr><td>Generation/Model/Year</td><td>Current AEM ECM Software</td><td>Target AEM-C Software</td></tr><tr><td>Gen 2.1 SUV Q7</td><td>20134L2910401A 0012 AVAB</td><td>4L2910401A 0014</td></tr><tr><td>Gen 2.1 SUV Touareg</td><td>20137P0907401K 0011 AVAB</td><td>7P0907401K 0013</td></tr><tr><td>Gen 2.1 SUV Q7</td><td>20144L2910401A 0012 AVAB</td><td>4L2910401A 0014</td></tr><tr><td>Gen 2.1 SUV Touareg</td><td>20147P0907401K 0011 AVAB</td><td>7P0907401K 0013</td></tr><tr><td>Gen 2.1 SUV Q7</td><td>20154L2910401A 0012 AVAB</td><td>4L2910401A 0014</td></tr><tr><td>Gen 2.2 SUV Touareg</td><td>20157P1907401C 0007 AVAB</td><td>7P1907401C 0010</td></tr><tr><td>Gen 2.2 SUV Touareg</td><td>20167P1907401C 0007 AVAB</td><td>7P1907401C 0010</td></tr></table>	Generation/Model/Year	Current AEM ECM Software	Target AEM-C Software	Gen 2.1 SUV Q7	20134L2910401A 0012 AVAB	4L2910401A 0014	Gen 2.1 SUV Touareg	20137P0907401K 0011 AVAB	7P0907401K 0013	Gen 2.1 SUV Q7	20144L2910401A 0012 AVAB	4L2910401A 0014	Gen 2.1 SUV Touareg	20147P0907401K 0011 AVAB	7P0907401K 0013	Gen 2.1 SUV Q7	20154L2910401A 0012 AVAB	4L2910401A 0014	Gen 2.2 SUV Touareg	20157P1907401C 0007 AVAB	7P1907401C 0010	Gen 2.2 SUV Touareg	20167P1907401C 0007 AVAB	7P1907401C 0010
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Gen 2.2 SUV Touareg	20157P1907401C 0007 AVAB	7P1907401C 0010																							
Gen 2.2 SUV Touareg	20167P1907401C 0007 AVAB	7P1907401C 0010																							
606	On some 2019 Ram 1500 vehicles, the flex cable within the Motor Generator Unit (MGU) is not fully latched to the printed circuit board (PCB), causing a malfunction indicator lamp (MIL), and storing P-Codes P0A44, P0A3F, P0A2F, P0C01, P0BE6, P0BE8, P0BEC, P0BFD, P0AEE, P0C19, P0A92, low battery light. The vehicle will lose char																								
607	<p>Due to weak material, the filter inside of the injector can tear which leads to contamination of the fuel injector with metal shavings, resulting in leakage. The leakage subsequently triggers fault code entry and MIL illumination.</p>																								
608	<p>Due to weak material, the filter inside of the injector can tear which leads to contamination of the fuel injector with metal shavings, resulting in leakage. The leakage subsequently triggers fault code entry and MIL illumination.</p>																								
609	<p>The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet.</p> <p>The front oxygen sensor will be checked and evaluated during service and be pro-actively replaced should the measured degradation tolerances be met.</p> <p>Part numbers involved:</p> <p>Replacement Part Numbers: 3C0 129 594 A (Snow Flap) and 03L 906 262 B (O2 Sensor)</p>																								

	Q	R	S
602	Hyundai modifies EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt. Hyundai will reprogram the ECU through a voluntary service campaign.	8/14/2019	3214
603	For the components lower and upper air flaps of Model Year 2017 test group HBMXV03.0BSX (only built in 7 Series models) and of Model Year 2017 test group HBMXV04.4N63 a warranty extension to full useful life (10years/120.000mils) was decided.	5/3/2019	5037
604	The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements starting in 07/2016.	12/14/2018	1153
605	The necessary software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated October 25, 2019	11/25/2019	4019
606	FCA US will perform an Emissions Related Customer Satisfaction Notice (V67) on affected vehicles to replace the affected motor generator units.	10/15/2019	207
607	The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.	2/7/2018	17276
608	The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.	2/7/2018	4260
609	Volkswagen Group of America, Inc. has initiated an Emissions Service Action with Customer Notification (24CX) to install a replacement Snow Flap and if necessary Oxygen Sensor on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	8/1/2017	18486

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
610	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	JETTA SPORTWAGEN			CVWXV02.0U5N	2012
611	BMW	BMX	New Submission	Submitted	5/11/2018 14:47:49		BMX-RR-2018-0000127	Recall Report	RR					FBMXV02.0N47	2015
612	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	6/15/2018 14:33:24		NSX-RR-2018-0000108	Recall Report	RR	INFINITI	Q60 AWD	2.0		HNSXV02.0N1A	2017
613	FCA US LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee FWD			JCRXT02.45FA	2018
614	FCA US LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee FWD			JCRXT02.45P1	2018
615	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	Buick	LACROSSE			JGMXV02.5050	2018
616	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	GMC	CANYON 2WD			JGMXT02.5200	2018
617	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					BHNXV03.5E89	2011
618	BMW	BMX	Correction	Submitted	7/25/2018 19:37:55		BMX-RR-2018-0000074	Recall Report	RR	BMW	X5 xDrive50i			EBMXV04.4F15	2014
619	BMW	BMX	New Submission	Submitted	7/25/2018 20:22:34		BMX-RR-2018-0000336	Recall Report	RR					FBMXV01.518P	2015
620	BMW	BMX	New Submission	Submitted	7/25/2018 20:22:34		BMX-RR-2018-0000336	Recall Report	RR					FBMXV00.618R	2015

	Q	R	S
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I).</p> <p>All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August 11th, 2017</p> <p>Customer Notification: On or about August 18th, 2017</p>	8/11/2017	62604
	<p>1. New sensor element (KP02).</p> <p>2. New sensor element (KP02).</p> <p>3. Optimized application and sensor installation position.</p> <p>611 4. New sensor element (KP02).</p> <p>612 Infiniti will conduct a Voluntary Service Campaign to replace the low pressure fuel hose on any potentially affected vehicles.</p> <p>613 FCA US will perform an emissions-related voluntary safety recall (U39) on affected vehicles to inspect the fuel supply tube for damage and replace those that are torn or have partial material loss.</p> <p>614 FCA US will perform an emissions-related voluntary safety recall (U39) on affected vehicles to inspect the fuel supply tube for damage and replace those that are torn or have partial material loss.</p>	4/20/2018 7/30/2018 5/24/2018 5/24/2018	3691 7917 30213 16192
	<p>General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.</p>	6/19/2018	127
	<p>General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.</p> <p>616 Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.</p>	6/19/2018 8/15/2018	213 127
	<p>The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.</p>	2/7/2018	4038
	<p>To eliminate this problem, a more robust hardware (gel with a better fuel resistance) has been used in production and as replacement part since 05/2017 for all models. The pressure-temperature sensor built in the i8 is integrated in the fuel pump. Therefore, the fuel pump must be replaced in case of a malfunction on i8 models.</p>	6/15/2018	2331
	<p>To eliminate this problem, a more robust hardware (gel with a better fuel resistance) has been used in production and as replacement part since 05/2017 for all models. The pressure-temperature sensor built in the i8 is integrated in the fuel pump. Therefore, the fuel pump must be replaced in case of a malfunction on i8 models.</p>	6/15/2018	6626

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
621	BMW	BMX	New Submission	Submitted	7/25/2018 20:22:34		BMX-RR-2018-0000336	Recall Report	RR					GBMXV00.613R	2016
622	BMW	BMX	New Submission	Submitted	7/25/2018 20:43:08		BMX-RR-2018-0000135	Recall Report	RR					JBMXJ03.085X	2018
623	BMW	BMX	New Submission	Submitted	7/25/2018 20:43:08		BMX-RR-2018-0000135	Recall Report	RR					HBMXV02.084X	2017
624	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA SR	2.5		HNSXV02.5R5A	2017
625	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE FWD	2.5		FNSTX02.5G5D	2015
626	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXV01.8050	2018
627	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	Jetta			EVWXX02.03PA	2014
628	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BEETLE CONVERTIBLE			DVWXX02.03PA	2013

	P
621	<p>The reason for the replacement of the sensor is a leak in the sensor housing. Fuel and fuel vapors cause swelling and deterioration of the sealant gel between the housing and the sensor plate. Gasoline and gasoline vapors can then enter the housing and come into contact with the sensor plate which leads to incorrect pressure measurements (caused by sensor drifts). OBD II system detects these sensor drifts and triggers the MIL along with a corresponding fault code storage.</p>
622	<p>The NVLD temperature sensor module is a smart device. A software error causing a communication failure between the NVLD temperature sensor and the engine control module leads to an OBD fault code entry (U029F) and MIL illumination. The temperature sensor module cannot be reprogrammed and must be replaced.</p>
623	<p>The NVLD temperature sensor module is a smart device. A software error causing a communication failure between the NVLD temperature sensor and the engine control module leads to an OBD fault code entry (U029F) and MIL illumination. The temperature sensor module cannot be reprogrammed and must be replaced.</p>
624	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (+100 deg. F) and low barometric pressure (+1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.</p>
625	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (+100 deg. F) and low barometric pressure (+1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.</p>
626	<p>The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p>
627	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070TV9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers. Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>
628	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070TV9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers. Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>

	Q	R	S
	To eliminate this problem, a more robust hardware (gel with a better fuel resistance) has been used in production and as replacement part since 05/2017 for all models. The pressure-temperature sensor built in the i8 is integrated in the fuel pump. Therefore, the fuel pump must be replaced in case of a malfunction on i8 models.	6/15/2018	3716
621			
	The corrective measure consists of replacing the temperature sensor smart module with a new part and updated software.	5/11/2018	3743
622			
	The corrective measure consists of replacing the temperature sensor smart module with a new part and updated software.	5/11/2018	11099
623			
	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8768
624			
	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	3684
625			
	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	1
626			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.		
	All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	11947
627			
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.		
	All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	4568
628			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
629	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle Convertible			FVGAV02.0VPD	2015
630	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle			GVGAV02.0VBD	2016
631	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Jetta			FVGAV02.0VBD	2015
632	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Passat			FVGAV02.0VBD	2015
633	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD D-CAB V6 MT OFF-ROAD			GTXYT03.5MEM	2016
634	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD D-CAB 2GR MT OFF PKG			GTXYT03.5MEM	2016
635	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 4WD D-CAB V6 MT OFF-ROAD			HTXYT03.5MSN	2017
636	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			BTXYV03.5BEB	2011
637	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350/IS 350C			ATXYV03.5BEB	2010
638	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			BTXYV03.5BEB	2011
639	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			ATXYV03.5BEB	2010
640	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			6TXVX03.5PEB	2006
641	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			7TXVX03.5BEB	2007
642	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350			8TXVX03.5BEB	2008
643	Ford Motor Company	FMX	New Submission	Submitted	9/28/2018 16:35:00		FMX-RR-2018-0000607	Recall Report	RR					JFMXT03.54HF	2018
644	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT05.75P2	2018
645	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT03.25P0	2018
646	FCA US LLC	CRX	New Submission	Submitted	10/19/2018 8:06:25		CRX-RR-2018-0000586	Recall Report	RR	Jeep	Cherokee Trailhawk 4x4			KCRXT02.05P0	2019
647	FCA US LLC	CRX	New Submission	Submitted	10/19/2018 8:06:25		CRX-RR-2018-0000586	Recall Report	RR	Jeep	Wrangler Unlimited 4x4			KCRXT02.05P1	2018

	Q	R	S
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018</p>	8/30/2018	120115
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018</p>	8/30/2018	24901
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018</p>	8/30/2018	35477
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018</p> <p>632 Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.</p> <p>633 Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.</p> <p>634 Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.</p> <p>635 Toyota will begin to notify owners in early September 2018. A sample of the owner notification letter has been included for your reference.</p> <p>636 Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>637 Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>638 Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>639 Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>640 Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>641 Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>642 Lexus will begin to notify owners in late August 2018. A sample of the owner notification letter has been included for your reference.</p> <p>643 To address this issue, safety recall program 18517 was initiated. Dealers will replace the high pressure fuel pump and related one-time use parts.</p>	8/30/2018 9/14/2018 9/14/2018 9/14/2018 8/23/2018 8/23/2018 8/23/2018 8/23/2018 8/31/2018 8/31/2018 8/31/2018 8/31/2018 7/16/2018	35477 17127 17127 132169 10039 12987 10039 12987 15511 34067 23953 716
	<p>644 FCA US will perform a voluntary emissions-related safety recall (U87) on affected vehicles to inspect and replace the powertrain control module.</p>	10/2/2018	1501
	<p>645 FCA US will perform a voluntary emissions-related safety recall (U87) on affected vehicles to inspect and replace the powertrain control module.</p> <p>646 FCA US has employed a change in production and will conduct an emissions-related Customer Satisfaction Notification (U77) on affected vehicles to replace the EGR hose with an improved performance structural hose that will not require the spring for support.</p> <p>647 FCA US has employed a change in production and will conduct an emissions-related Customer Satisfaction Notification (U77) on affected vehicles to replace the EGR hose with an improved performance structural hose that will not require the spring for support.</p>	10/2/2018 10/19/2018 10/19/2018	899 16895 87

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
648	Porsche AG	PRX	New Submission	Submitted	10/3/2018 12:47:31		PRX-RR-2018-0000610	Recall Report	RR	Porsche	Panamera Turbo Executive	4.0L	Automatic.	HPRXV04.0PV8	2017
649	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 4DR SEDAN	2.4L	SAT	8HNXV02.4EMC	2008
650	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	ACURA	3.2TL	3.2L	SAT	2HNXV03.2HYT	2002
651	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					6HNXV02.4ZH3	2016
652	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 2DR COUPE			9HNXV02.4TC3	2009
653	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					8HNXV02.4CB3	2011
654	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	11/5/2018 17:31:54		NSX-RR-2018-0000671	Recall Report	RR	INFINITI	QX60 AWD			JNSXT03.5P7A	2018
655	Audi	ADX	New Submission	Submitted	10/23/2018 16:31:25		ADX-RR-2018-0000646	Recall Report	RR	Volkswagen	TOUAREG			CADXT03.02UG	2012
656	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/20/2018 18:47:31	3/27/2019 15:07:03	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V FWD			HHNXT01.54R3	2017
657	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					HHMBX03.0U2A	2017
658	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					JMBXV03.0U2A	2018
659	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 12:31:25		HNX-RR-2019-0000105	Recall Report	RR	Honda	RIDGELINE AWD			HHNXT03.5WW4	2017
660	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 12:31:25		HNX-RR-2019-0000105	Recall Report	RR	Honda	RIDGELINE FWD			HHNXT03.5WW4	2017
661	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 13:58:39		HNX-RR-2019-0000106	Recall Report	RR	Acura	ILX			EHNXV02.0EB3	2014
662	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			BMAXV04.7LEV	2011
663	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	QUATTROPORTE			DMAXV04.7LEV	2013
664	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			EMAXV04.7LEV	2014
665	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO CONVERTIBLE			HMAXV04.7LEV	2017

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
666	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/20/2019 9:09:02		VGA-RR-2019-0000444	Recall Report	RR	Audi	A8			GVGAJ03.0N14	2016
667	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX FWD			HHNXV03.5MA3	2017
668	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX 2WD			GHNXV03.5RA3	2016
669	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	MDX AWD			JHNXV03.5RH3	2018
670	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			GCRXV03.65P1	2016
671	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			GCRXV03.65PB	2016
672	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			GCRXV05.75P2	2016
673	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/27/2019 16:31:32		VGA-RR-2019-0000175	Recall Report	RR	Audi	S3			GVGAV02.0AUA	2016
674	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	HYUNDAI	Elantra			EKMXV02.0EFP	2014
675	General Motors LLC	GMX	New Submission	Submitted	9/19/2019 21:46:34		GMX-RR-2019-0000721	Recall Report	RR					KGMXT05.3384	2019
676	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	CX-5 2WD			KTCKT02.5CDA	2019

	P
	<p>Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7. During the same service action, Audi also intends to make other improvements to the software.</p> <p>The hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.</p> <p>With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 6/18/2019, following the defined consent decree submission pathway). In addition, Volkswagen also provides the following information:</p> <p>-Complaint: MIL on</p> <p>-Component: Oxygen Sensor</p> <p>-Production Part Number Analyses: 059 906 262 Q</p> <p>-AEM-C Service Action replacement part numbers:</p> <p>o04L 906 262 B (Oxygen Sensor)</p> <p>o4HD 234 750 HK (Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter)</p> <p>o4HD 238 099 (Installation Kit for Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter)</p> <p>-DTCs Present: P0133 - O2 Sensor Circ., Bank 1-Sensor 1 Slow Response</p> <p>The changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated June 18, 2019. In addition, the software part numbers are as follows:</p> <p>GenerationModelMCurrent AEM ECM Software Target AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVAB4G0907401N 0016</p> <p>Gen 2 PCA720154G0907401N 0013 BVAB4G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVAB4H0907401N 0009</p> <p>Gen 2 PC0520158K907401AC 0008 BVAB8K907401AC 0010</p> <p>Gen 2 PCA620164G0907401AA 0010 BVAB4G0907401AA 0012</p> <p>Gen 2 PCA720164G0907401AA 0010 BVAB4G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVAB4H0907401N 0009</p> <p>Gen 2 PC0520168K907401AC 0008 BVAB8K907401AC 0010</p>
666	
667	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
668	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
669	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
670	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
671	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
672	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
673	<p>Software that was designed and certified for a certain model year has been built into the below listed model years without disclosure.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <p>No Information Available - Unique software on a low number of vehicles that are not possible to analyze.</p> <p>Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.</p> <p>Pre-series software installed - Vehicles with pre-series software in the field.</p> <p>Production ECU Software Replacement ECU Software Test Group</p> <p>BV0906259K_0001BV0906259H_0002FVGAV02.0AJA</p> <p>5G0906259L_00015G0906259D_0004GVGAV02.0APA</p> <p>5G0906259L_00025G0906259D_0004GVGAV02.0APA</p> <p>BV0906259K_0001BV0906259H_0002GVGAV02.0AJA</p> <p>4G5907115A_V4304G5907115A_0003GVGAV02.0AAC</p>
674	Some 2014-2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
675	To correct this problem, Kia will reprogram the ECU data.
675	The Vehicle Emissions Control Information (VECI) label was not installed on certain vehicles.
676	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire, loss of engine power, and/or Malfunction Indicator Light (MIL) illumination. In the worst case, engine stall without the ability to be restarted can occur while driving, which may increase the risk of a crash. No accidents, injuries, or deaths have been reported from the field to date as a result of this defect.

	Q	R	S
666	The necessary hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.	7/22/2019	3986
667	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	11246
668	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	17584
669	The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.	3/25/2019	40245
	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	1575
670			
	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	1552
671			
	FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.	7/1/2019	3958
672			
673	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	28
	KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.	8/8/2019	2348
674	KIA will reprogram the ECU through a voluntary service campaign.	9/17/2019	11
675	An owner notification letter with a VECI label will be sent to all customers of record. The letter will provide easy instructions to the owner on how to affix the label. The owner will be given the option of having a dealer affix the label at no charge. Since the new label can be easily installed, and doing so will reduce customer income		
676	Dealers will reprogram the PCM with improved hydraulic valve adjustment control software. There will be no charge for this service to vehicle owners.	8/25/2019	80549

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
677	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	Mazda3 5-Door 4WD			KTXXV02.5CDA	2019
678	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	MAZDA6			KTXXV02.5CDA	2019
679	Mazda Motor Corporation	TKX	New Submission	Submitted	8/23/2019 3:52:45		TKX-RR-2019-0000586	Recall Report	RR	MAZDA	Mazda3 4-Door 2WD			KTXXV02.5CDA	2019
680	Toyota Motor Corporation	TYX	New Submission	Submitted	3/23/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	TUNDRA 2WD FFV			JTYXT05.7M58	2018
681	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G90 RWD			JHYXV03.31MF	2018
682	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G80 AWD			JHYXV03.81P5	2018
683	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	KIA	Optima FE			JHYXV02.4AJ5	2018
684	FCA US LLC	CRX	New Submission	Submitted	8/29/2019 9:32:02		CRX-RR-2019-0000655	Recall Report	RR					DCRXV02.0UP0	2018
685	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER LE/XLE/SE/LTD			JTYXT03.5M5M	2018
686	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER			HTYXT03.5M5M	2017
687	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	HIGHLANDER LE/XLE/SE/LTD			HTYXT03.5M5M	2017
688	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:30:27		CRX-RR-2019-0000027	Recall Report	RR	Chrysler	Pacifica			JCRXT03.65P5	2018

	Q	R	S
677	Dealers will reprogram the PCM with improved hydraulic valve adjustment control software. There will be no charge for this service to vehicle owners.	8/25/2019	19611
678	Dealers will reprogram the PCM with improved hydraulic valve adjustment control software. There will be no charge for this service to vehicle owners.	8/25/2019	19611
679	Dealers will reprogram the PCM with improved hydraulic valve adjustment control software. There will be no charge for this service to vehicle owners.	8/25/2019	19611
680	The ECM software will be updated FREE OF CHARGE.	3/14/2019	41225
681	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	40
682	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	55
683	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.	9/2/2019	234
684	FCA US will perform an emission-related voluntary recall (R50) on affected vehicles to reprogram the powertrain control module with new software that corrects this condition.	8/8/2019	14906
685	This Customer Support Program provides coverage for damage to the UASO transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	145
686	This Customer Support Program provides coverage for damage to the UASO transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	150040
687	This Customer Support Program provides coverage for damage to the UASO transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light. If the	4/30/2019	150040
688	FCA US is conducting an emissions-related voluntary safety recall (U64) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	7/3/2018	39343

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
688	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:38:32		CRX-RR-2019-0000028	Recall Report	RR	Jeep	Grand Cherokee 4X4			JCRXT03.65P5	2018
690	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:38:32		CRX-RR-2019-0000028	Recall Report	RR	Dodge	Durango RWD			JCRXT03.65P5	2018
691	Audi	ADX	New Submission	Superseded	5/1/2019 10:43:54	5/1/2019 10:49:18	ADX-RR-2019-0000304	Recall Report	RR	Audi	A7 quattro			EADXJ03.04UG	2014
692	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA WAGON AWD			EFIXJ02.5NKR	2014
693	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					GCRXV06.25P3	2016
694	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					GCRXV05.75P1	2016
695	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					GCRXV06.45P1	2016

	Q	R	S
688	FCA US is conducting an emissions-related voluntary safety recall (U65) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	7/6/2018	178333
691	FCA US is conducting an emissions-related voluntary safety recall (U65) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	7/6/2018	178333
691	Volkswagen Group of America, Inc. will initiate campaign (26X6) to inspect and install a replacement Selective Catalytic Converter on affected vehicles .	7/1/2018	2443
692	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.	12/28/2018	1
693	<p>FCA US will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>	7/23/2019	7
694	<p>FCA US will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>	7/23/2019	24
695	<p>FCA US will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>	7/23/2019	45

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
696	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					FCRXV03.65P1	2015
697	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 4Dr			HHNXV01.5XH2	2017
698	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 2Dr			JHNXV01.5362	2018
699	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 2Dr			HHNXV01.5562	2017
700	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI 5			DSKKV2.395F1	2013
701	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI 5 AWD			CSKKV2.395F1	2012
702	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			BSKKV2.395F1	2011
703	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			GHNXV01.53H2	2016
704	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			HHNXV01.5562	2017

[illegible]

696 Some 2014-2016 MY Chrysler 300 and Dodge Charger and 2015-2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year; through the 1st half of the 2015 calendar year may have vapor carbon canisters that lead to exceedances of Onboard Refueling Vapor Recovery standards.

697 In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.

698 In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.

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697 In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.

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698 In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.

698 In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTCs: P0300, P0301, P0302, P0303, P0304, or P0172.

When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.

When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.

When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.

703 In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s) P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.

704 In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s) P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.

	Q	R	S
	<p>FCAUS will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>		
696		7/23/2019	113505
697	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	24366
698	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	22285
699	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	26082
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
700	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	1805
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
701	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6331
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
702	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6120
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>		
703	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.	4/11/2019	57213
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>		
704	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.	4/11/2019	72400

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
705	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			GHNXV01.56K2	2016
706	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Jetta			FVGAV02.0VB0	2015
707	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 8:35:16		CRX-RR-2019-0000188	Recall Report	RR					BCRXJ02.4VP1	2011
708	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 8:35:16		CRX-RR-2019-0000188	Recall Report	RR					CCRXJ02.4VP1	2012
709	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 12:59:01		HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V AWD	1.5L		HHNXT01.54R3	2017
710	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr	1.5L		HHNXV01.5XH2	2017
711	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr	1.5L		JHNXV01.5TH2	2018
712	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr	1.5L		HHNXV01.5562	2017

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705	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations GCS300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_2627TCMPVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPVGA02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPVGA02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPVGA03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVGA01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVGA02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVGA02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVGA02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVGA03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVGA03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPVGA03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>06I906027HE_680506I906027HE_8226ECMPVGA02.0VUE</p> <p>706 Some 2011-2016 model year 2.0L/2.4L World Gas Engine (PWGE??) test groups containing the Dodge Journey (JC7?), Chrysler 200/Dodge Avenger (JS7?), Dodge Caliber (9PM??) and Jeep® Compass/Patriot (7MK) vehicles with front-wheel drive, may exceed emissions standards due to loss of catalyst efficiency due to the combinat</p> <p>707 Some 2011-2016 model year 2.0L/2.4L World Gas Engine (PWGE??) test groups containing the Dodge Journey (JC7?), Chrysler 200/Dodge Avenger (JS7?), Dodge Caliber (9PM??) and Jeep® Compass/Patriot (7MK) vehicles with front-wheel drive, may exceed emissions standards due to loss of catalyst efficiency due to the combinat</p> <p>708</p>
709	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
710	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
711	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
712	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
713	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr	1.5L		JHNXV01.5362	2018
714	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	BETLE CONVERTIBLE			EVWXXV02.03PA	2014
715	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			EVWXXV02.03PA	2014
716	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta			DVWXXV02.5U3A	2013
717	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			EVWXXV03.6U41	2014
718	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta Hybrid			DVWXXV01.4PHE	2013

	Q	R	S
	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>Apart of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 [EPA HNX-RR-2019-0000073] previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	61710
714	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	39
715	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	39
716	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
717	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	124
718	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	240

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
719	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta			DVWXV02.5A59	2013
720	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			DVWXV02.5M59	2013
721	Subaru Corporation	FJX	New Submission	Submitted	7/1/2019 9:29:09		FJX-RR-2019-0000445	Recall Report	RR	Subaru	LEGACY			HFJXJ02.5HRV	2017
722	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	Jeep	Renegade 4x2			GCRXJ02.45PA	2016
723	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	Jeep	Renegade 4x4			GCRXJ02.45P4	2016
724	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	FIAT	500X 4x4			GCRXJ02.45P4	2016
725	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					FMBXV03.0U2A	2015
726	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					ENBXV02.0U2A	2014
727	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			JHNXV01.5VH3	2018

	Q	R	S
719	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	10
720	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2553
721	For all affected vehicles the front exhaust pipe will be replaced with the correct part.	6/5/2019	47
722	FCA US will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	19582
723	FCA US will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	90311
724	FCA US will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	90311
725	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onward.	3/13/2019	234
726	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onward.	3/13/2019	5359
727	To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-19-011-00 (HNX-RR-2019-0000069) previously launched in 21 affected cold weather states and those repairs are listed below: Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	18981

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
728	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			HNXV01.5562	2017
729	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			GHNV01.53H2	2016
730	Toyota Motor Corporation	TYX	New Submission	Superseded	1/28/2019 13:47:56	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			BTYV01.8HC3	2011
731	Toyota Motor Corporation	TYX	New Submission	Superseded	1/28/2019 13:47:56	1/28/2019 13:50:56	TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			ETVYV01.8HC3	2014
732	American Honda Motor Co., Inc.	HNX	Correction	Submitted	3/28/2019 12:55:53		HNX-RR-2018-0000795	Recall Report	RR	Honda	CR-V AWD			JHNXT01.51R3	2018
733	Toyota Motor Corporation	TYX	Correction	Submitted	3/28/2019 14:52:20		TYX-RR-2019-0000198	Recall Report	RR	TOYOTA	CAMRY HYBRID LE			KTRXV02.5P35	2019
734	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S AWD			DSKKV2.395F1	2013
735	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			CSKKV2.395F1	2012
736	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S			CSKKV2.395F1	2012
737	Kia Motors Corporation	KMX	Correction	Submitted	9/23/2019 11:28:21		KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte			GKMXV02.0DFP	2016

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728	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
729	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
730	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormal high
731	The involved vehicles contain software used to control the Intelligent Power Module (IPM) within the inverter assembly, a part of the vehicle's hybrid system. If a specific transistor within the IPM fails in a certain way during a high-load driving condition, such as during hard acceleration, there is a possibility for an abnormal high
732	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or an abnormal engine whirling noise.
733	There was a possibility that the fuel filler pipe may not have been properly reconnected to the fuel tank. In this condition, the vehicles could leak fuel and may not meet certain U.S. federal motor vehicle safety standard requirements. In the presence of an ignition source, a fuel leak could increase the risk of a fire.
734	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
735	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
736	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
737	Some 2014*2016 model year KIA Forte may exhibit an issue with NMOS control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition. To correct this problem, Kia will reprogram the ECU data.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
738	Kia Motors Corporation	KMX	New Submission	Submitted	9/23/2019 14:04:55		KMX-RR-2019-0000722	Recall Report	RR	HYUNDAI	Elantra			GKMXV02.0DFP	2016
739	BMW	BMX	New Submission	Submitted	10/28/2019 8:29:19		BMX-RR-2019-0000468	Recall Report	RR					GBMXV02.0N47	2016
740	Volkswagen	VWX	New Submission	Submitted	5/4/2018 9:43:54		VWX-RR-2018-0000087	Recall Report	RR	Volkswagen	Passat			EVWXV02.0U45	2014
741	Volkswagen	VWX	New Submission	Superseded	4/25/2018 15:19:36	5/4/2018 9:46:17	VWX-RR-2018-0000060	Recall Report	RR	Volkswagen	Passat			CVWXV02.0U45	2012
742	Volkswagen	VWX	New Submission	Superseded	4/25/2018 15:19:36	5/4/2018 9:46:17	VWX-RR-2018-0000060	Recall Report	RR	Volkswagen	Passat			EVWXV02.0U45	2014
743	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Audi	A3			CVWXV02.0U5N	2012
744	BMW	BMX	New Submission	Submitted	5/11/2018 12:04:45		BMX-RR-2018-0000082	Recall Report	RR					FBMXV02.0N47	2015
745	Maserati North America, Inc.	MAX	New Submission	Submitted	6/26/2018 17:58:48		MAX-RR-2018-0000099	Recall Report	RR					HMAXV03.0DFI	2017
746	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					CHNXV02.4CB3	2012
747	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					AHNXV01.3DP2	2010
748	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					AHNXV02.4MB3	2010
749	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					FHNXV03.5GA3	2015
750	BMW	BMX	New Submission	Submitted	7/25/2018 20:43:08		BMX-RR-2018-0000135	Recall Report	RR					HBMXV03.0BSX	2017
751	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA iM			HTYXV01.8MS8	2017
752	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA LE ECO			GTYXV01.8MEA	2016

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738	Some 2014*2016 model year Hyundai Elantra 2.0L and Elantra Coupe 2.0L may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
739	<p>1. The measuring electrode of the sensor element can be damaged due to design weakness.</p> <p>2. The heating electrode of the sensor element can be damaged due to design weakness.</p> <p>3. The protective ca of the sensor is blocked by soot.</p> <p>4. Foreign matter and/or scratch can cause a short circuit in the electrode.</p>
740	<p>The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The front oxygen sensor will be checked and evaluated during service and be pro-actively replaced should the measured degradation tolerances be met.</p> <p>Part numbers involved: Replacement Part Numbers: 3CD 129 594 A (Snow Flap) and 03L 906 262 B (O2 Sensor)</p>
741	<p>Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection.</p> <p>Corrective Action: Replace the reductive agent heating element (AdBlue heater).</p> <p>AdBlue Heater Repair Kit - 5611989708</p>
742	<p>Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection.</p> <p>Corrective Action: Replace the reductive agent heating element (AdBlue heater).</p> <p>AdBlue Heater Repair Kit - 5611989708</p>
743	<p>The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met.</p> <p>Part numbers involved: Warranty Replacement Part Numbers: 3CD 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)</p>
744	<p>The particle measure sensor has been replaced due to following reasons:</p> <p>1. The measuring electrode of the sensor element can be damaged due to design weakness.</p> <p>2. The heating electrode of the sensor element can be damaged due to design weakness.</p> <p>3. The protective cap of the sensor is blocked by soot.</p> <p>4. Foreign particles and/or scratches can cause a short circuit in the electrode.</p>
745	The suspect vehicles may have an engine software defect. If the vehicle is being operated at speeds of approximately 2 miles per hour (low engine RPM), which can be encountered during heavy stop-and-go (bumper-to-bumper) traffic conditions, the transmission may shift into neutral or park or the engine may shut down.
746	Emission certification labels that were replaced on a small amount of vehicles may have been replaced with a label listing incorrect information. The affected emission labels were not affected at the factory, they are replacement service parts. This will cause the vehicle to be non-compliant with emissions regulations.
747	Emission certification labels that were replaced on a small amount of vehicles may have been replaced with a label listing incorrect information. The affected emission labels were not affected at the factory, they are replacement service parts. This will cause the vehicle to be non-compliant with emissions regulations.
748	Emission certification labels that were replaced on a small amount of vehicles may have been replaced with a label listing incorrect information. The affected emission labels were not affected at the factory, they are replacement service parts. This will cause the vehicle to be non-compliant with emissions regulations.
749	Emission certification labels that were replaced on a small amount of vehicles may have been replaced with a label listing incorrect information. The affected emission labels were not affected at the factory, they are replacement service parts. This will cause the vehicle to be non-compliant with emissions regulations.
750	The NVLD temperature sensor module is a smart device. A software error causing a communication failure between the NVLD temperature sensor and the engine control module leads to an OBD fault code entry (U029F) and MIL illumination.
751	The temperature sensor module cannot be reprogrammed and must be replaced.
752	An Electronic Control Unit (ECU) in the subject vehicles has improper programming that could lead a component in the Continuously Variable Transmission (CVT) to unnecessarily cycle and experience abnormal wear. If this component becomes damaged, the Malfunction Indicator Lamp (MIL) may illuminate in the instrument cluster.
752	An Electronic Control Unit (ECU) in the subject vehicles has improper programming that could lead a component in the Continuously Variable Transmission (CVT) to unnecessarily cycle and experience abnormal wear. If this component becomes damaged, the Malfunction Indicator Lamp (MIL) may illuminate in the instrument cluster.

	Q	R	S
	Hyundai modifies EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt. Hyundai will reprogram the ECU through a voluntary service campaign.	8/14/2019	593
	1. New sensor element (KP02) 2. New sensor element (KP02) 3. Optimized application and sensor installation position 4. New sensor element (KP02)	5/2/2019	850
	Volkswagen Group of America, Inc. has initiated an Emissions Service Action with Customer Notification (24CX) to install a replacement Snow Flap and if necessary Oxygen Sensor on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	8/1/2017	33169
	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K4) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	5/24/2018	18483
	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K4) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	5/24/2018	33160
	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017	8/11/2017	62604
	The corrective measure consists of replacing the PM Sensor with an upgraded sensor with a more robust sensing element, updating the calibration and changing the sensor installation position. The new sensor element has been in use in production and as a replacement part since 09/2015.	4/20/2018	2335
	The proposed remedy is a software re-flash uploaded into the engine control module in affected vehicles. The remedy will be performed free of charge to the vehicle owner.	5/23/2018	9044
	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/15/2018	26
	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/15/2018	51
	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/15/2018	7
	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/15/2018	2
	The corrective measure consists of replacing the temperature sensor smart module with a new part and updated software.	5/11/2018	11277
	Any authorized Toyota dealer will inspect the CVT control software and, if necessary, perform an update for that software at NO CHARGE. After inspecting the software and, if necessary, performing the software update, the CVT solenoid valve controlling the gear ratio in the CVT will be inspected and, if necessary, the CVT valve bod	8/8/2018	22421
	Any authorized Toyota dealer will inspect the CVT control software and, if necessary, perform an update for that software at NO CHARGE. After inspecting the software and, if necessary, performing the software update, the CVT solenoid valve controlling the gear ratio in the CVT will be inspected and, if necessary, the CVT valve bod	8/8/2018	6541

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
753	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		ENSV01.881B	2014
754	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		FNXV01.8G1A	2015
755	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ROGUE FWD	2.5		GNXT02.5Z5A	2016
756	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA SR	2.5		GNXV02.5G5A	2016
757	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		ENSV01.8G1A	2014
758	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	Passat			EVWXV02.0B5F	2014

	Q	R	S
753	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1770
754	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8813
755	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	550
756	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8550
757	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	8632
758	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	46017

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
759	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	Jetta			DVWXV02.0B5F	2013
760	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BETLE			DVWXV02.0B5F	2013
761	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Passat			FVGAV02.0VPD	2015
762	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Jetta			GVGAV02.0VPD	2016
763	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	FIAT	500L			FCRXJ01.4SP0	2015
764	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x2			HCRXJ01.4SP0	2017

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	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPFA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPFA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor:</p> <p>Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor.</p> <p>Solutions:</p> <p>(1) Correct the target lambda value for specific blocks within the fuel calibration map.</p> <p>(2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to.</p> <p>-Suction Tube Model:</p> <p>Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers.</p> <p>Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>
759	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPFA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPFA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor:</p> <p>Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor.</p> <p>Solutions:</p> <p>(1) Correct the target lambda value for specific blocks within the fuel calibration map.</p> <p>(2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to.</p> <p>-Suction Tube Model:</p> <p>Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers.</p> <p>Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>
760	<p>Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)</p>
761	<p>Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)</p>
762	
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD??) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.</p>
763	
	<p>Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD??) monitors when the P1D7F fault code is set.</p> <p>This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.</p>
764	

	Q	R	S
759	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p>	8/30/2018	2181
760	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p>	8/30/2018	2181
761	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018</p> <p>Customer Notification: On or about August, 2018</p>	8/30/2018	120115
762	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018</p> <p>Customer Notification: On or about August, 2018</p>	8/30/2018	93349
763	<p>FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend77 the OBD monitors.</p>	8/31/2018	293
764	<p>FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend77 the OBD monitors.</p>	8/31/2018	1061

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
765	FCAUS LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x2			GCRXJ01.45P0	2016
766	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			DTYXV03.58EB	2013
767	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			BTYXV03.58EB	2011
768	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			9TYXV03.58EB	2009
769	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			DTYXV03.58EB	2013
770	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350 AWD			BTYXV03.58EB	2011
771	Toyota Motor Corporation	TYX	New Submission	Superseded	8/27/2018 16:46:11	8/28/2018 9:24:59	TYX-RR-2018-0000510	Recall Report	RR	LEXUS	GS 350			7TYXV03.58EB	2007
772	Volkswagen	VWX	New Submission	Submitted	9/25/2018 8:29:00		VWX-RR-2018-0000598	Recall Report	RR	Volkswagen	TOUAREG			EVWXV03.6U76	2014
773	FCAUS LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT03.65P3	2018
774	FCAUS LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT02.45P1	2018
775	FCAUS LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT03.65P4	2018
776	FCAUS LLC	CRX	New Submission	Submitted	10/19/2018 9:06:25		CRX-RR-2018-0000366	Recall Report	RR	Jeep	Cherokee 4x4 Active Drive II			KCRXT01.05P0	2019
777	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT, 5MT	DHNXV01.82C2	2013
778	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT	3HNXV02.4IBP	2003
779	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 4DR SEDAN	3.5L	SAT	8HNXV03.58MC	2008
780	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT, 5MT	5HNXV02.4IBP	2005
781	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT	4HNXV02.4IBP	2004
782	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	3.0L	6MT, SAT	7HNXV03.08KC	2007
783	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	12/19/2018 17:26:35		HNX-RR-2018-0000793	Recall Report	RR	Honda	ACCORD	2.0L		JHNXV02.09K2	2018
784	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/19/2018 18:20:17	3/28/2019 12:55:53	HNX-RR-2018-0000795	Recall Report	RR	Honda	CR-V FWD			HHNXT01.54R3	2017
785	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					GMBXV03.0U2A	2016
786	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					JMBXV03.0U2A	2018
787	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					JMBXV03.0U2B	2018
788	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					HMBX02.0U2B	2017

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
789	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 13:58:39		HNX-RR-2019-0000106	Recall Report	RR	Acura	ILX			KHNXV02.4KH3	2019
790	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 13:58:39		HNX-RR-2019-0000106	Recall Report	RR	Acura	ILX			FHNXV02.0IA3	2015
791	Audi	ADX	New Submission	Submitted	6/20/2019 8:47:43		ADX-RR-2019-0000443	Recall Report	RR	Audi	A8			EADXV03.04UG	2014
792	FCA US LLC	CRX	New Submission	Submitted	2/14/2019 15:13:24		CRX-RR-2019-0000146	Recall Report	RR					KCRXT02.45P1	2019
793	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			HMAXV04.7LEV	2017
794	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			CMAXV04.7LEV	2012
795	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Honda	ACCORD	3.5L		FHNXV03.5GA3	2015
796	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX AWD			KHNXV03.5HH3	2019
797	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX FWD A-SPEC			KHNXV03.5HH3	2019
798	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			ECRXV03.65PA	2014
799	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	8/8/2019 20:08:22		HNX-RR-2019-0000610	Recall Report	RR	Honda	CR-V FWD			KHNXT02.4W53	2019
800	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/27/2019 16:31:32		VGA-RR-2019-0000175	Recall Report	RR	Audi	A3 quattro			GVGAV02.0APA	2016
801	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/27/2019 16:31:32		VGA-RR-2019-0000175	Recall Report	RR	Audi	A6 quattro			GVGAV02.0AAC	2016
802	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/27/2019 16:31:32		VGA-RR-2019-0000175	Recall Report	RR	Audi	S3			FVGAV02.0AUA	2015
803	Toyota Motor Corporation	TYX	New Submission	Submitted	3/13/2019 15:04:49		TYX-RR-2019-0000205	Recall Report	RR	TOYOTA	COROLLA HATCHBACK XSE			KTYXV02.0N48	2019

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789	Certain fuel tanks may have been produced with an internal deformation in the inner tank. This deformation may cause the fuel tank indicator float to get stuck on the tank inner wall not allowing correct fuel level indication. There are 2 parts of this campaign as described below.
790	Certain fuel tanks may have been produced with an internal deformation in the inner tank. This deformation may cause the fuel tank indicator float to get stuck on the tank inner wall not allowing correct fuel level indication. There are 2 parts of this campaign as described below.
791	Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7. During the same service action, Audi also intends to make other improvements to the software. The hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019. With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 6/18/2019, following the defined consent decree submission pathway). In addition, Volkswagen also provides the following information: -Complaint: MIL on -Component: Oxygen Sensor -Production Part Number Analyses: 059 906 262 Q -AEM-C Service Action replacement part numbers: o04L 906 262 B (Oxygen Sensor) o4HD 254 750 HK (Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) o4HD 288 099 (Installation Kit for Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter) -DTCs Present: P0133 - O2 Sensor Circ., Bank 1-Sensor 1 Slow Response The changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated June 18, 2019. In addition, the software part numbers are as follows: GenerationModelMYCurrent AEM ECM SoftwareTarget AEM-C Software Gen 2 PC A620144G0907401N 0013 BVA84G0907401N 0016 Gen 2 PC A720144G0907401N 0013 BVA84G0907401N 0016 Gen 2 PC A820144H0907401F 0013 BVA84H0907401F 0016 Gen 2 PC C520144K5907401J 0013 BVA8K5907401J 0014
792	Some 2019 MY Jeep Cherokee (7XL7?) may experience the instrument panel cluster becoming nonfunctional and becoming blank due to a capacitor inside the instrument panel cluster being installed in the wrong polarity direction. Loss of the instrument cluster may prevent activation of the malfunction indicator lamp (MIL??).
793	Upon start-up of the vehicle, the engine software does not properly complete the secondary air monitor, resulting in a low IUMPR ratio. The low IUMPR ratio does not meet the OBD II regulatory requirements.
794	Upon start-up of the vehicle, the engine software does not properly complete the secondary air monitor, resulting in a low IUMPR ratio. The low IUMPR ratio does not meet the OBD II regulatory requirements.
795	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
796	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
797	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
798	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
799	During fuel tank manufacturing, the fuel tank vent pipe on the evaporative return line was not properly welded to the fuel tank and may separate. This results in potential for a fuel leak and causes the vehicle to exceed evaporative emissions standards.
800	Software that was designed and certified for a certain model year has been built into the below listed model years without disclosure. Analysis determined software calibrations within this report have one of the following concerns: -No Information Available - Unique software on a low number of vehicles that are not possible to analyze. -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years. -Pre-series software installed - Vehicles with pre-series software in the field. Production ECU Software Replacement ECU Software Test Group 8V0906259K_00018V0906259H_0002FVGAV02.0AUA 5G0906259L_00015G0906259D_0004GVGAV02.0APA 5G0906259L_00025G0906259D_0004GVGAV02.0APA 8V0906259K_00018V0906259H_0002GVGAV02.0AUA 4G5907115A_04304G5907115A_0003GVGAV02.0AAC
801	Software that was designed and certified for a certain model year has been built into the below listed model years without disclosure. Analysis determined software calibrations within this report have one of the following concerns: -No Information Available - Unique software on a low number of vehicles that are not possible to analyze. -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years. -Pre-series software installed - Vehicles with pre-series software in the field. Production ECU Software Replacement ECU Software Test Group 8V0906259K_00018V0906259H_0002FVGAV02.0AUA 5G0906259L_00015G0906259D_0004GVGAV02.0APA 5G0906259L_00025G0906259D_0004GVGAV02.0APA 8V0906259K_00018V0906259H_0002GVGAV02.0AUA 4G5907115A_04304G5907115A_0003GVGAV02.0AAC
802	Software that was designed and certified for a certain model year has been built into the below listed model years without disclosure. Analysis determined software calibrations within this report have one of the following concerns: -No Information Available - Unique software on a low number of vehicles that are not possible to analyze. -Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years. -Pre-series software installed - Vehicles with pre-series software in the field. Production ECU Software Replacement ECU Software Test Group 8V0906259K_00018V0906259H_0002FVGAV02.0AUA 5G0906259L_00015G0906259D_0004GVGAV02.0APA 5G0906259L_00025G0906259D_0004GVGAV02.0APA 8V0906259K_00018V0906259H_0002GVGAV02.0AUA 4G5907115A_04304G5907115A_0003GVGAV02.0AAC
803	In the affected vehicles, there is a possibility that the torque converter in the Continuously Variable Transmission (CVT) could fail. Under certain conditions this could result in a loss of motive power. Loss of motive power while driving at higher speeds could increase the risk of crash.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
804	FCA US LLC	CRX	New Submission	Submitted	4/23/2019 8:49:19		CRX-RR-2019-0000288	Recall Report	RR	Chrysler	Pacifica PHEV			HCRT03.65P0	2017
805	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte Koup			EKMV02.0EFP	2014
806	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte			FKMV02.0EFP	2015
807	Audi	ADX	New Submission	Submitted	8/12/2019 15:19:38		ADX-RR-2019-0000632	Recall Report	RR	Audi	Q5			EADX03.04UG	2014
808	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	488 gtb			JFEXV03.9TUR	2018
809	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	LaFerrari Aperta			HFEXV06.3H18	2017
810	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	488 Pista			KFEXV03.9TUR	2019
811	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	488 gtb			KFEXV03.9TUR	2019
812	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	CAMRY XSE			JTYXV03.5M58	2018
813	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	TOYOTA	HIGHLANDER LE/XLE/SE/LTD			JTYXT03.5M5M	2018
814	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G80 RWD			JHYXV03.81P5	2018
815	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G80 RWD			JHYXV03.31V6	2018
816	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 4Dr			KHNXV02.0CL3	2019
817	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	SIENNA			JTYXT03.5M5M	2018
818	Toyota Motor Corporation	TYX	New Submission	Submitted	4/30/2019 16:26:34		TYX-RR-2019-0000299	Recall Report	RR	TOYOTA	SIENNA AWD			HTYXT03.5M5M	2017
819	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:38:32		CRX-RR-2019-0000028	Recall Report	RR	Jeep	Grand Cherokee 4X2			JCRXT03.65P5	2018
820	Audi	ADX	Correction	Submitted	5/1/2019 10:49:18		ADX-RR-2019-0000304	Recall Report	RR	Audi	A6 quattro			EADX03.04UG	2014
821	Toyota Motor Corporation	TYX	New Submission	Superseded	1/30/2019 9:54:53	8/9/2019 9:59:45	TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			ATYXT04.6BEX	2010
822	Subaru Corporation	FIJ	New Submission	Submitted	1/29/2019 23:17:44		FIJ-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA WAGON AWD			DFIJI02.5MLP	2013

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804	In Voluntary Safety Recall U73, some 2017-2018 MY Chrysler Pacifica PHEV vehicles contain Powertrain Control ("PCM") software that does not remove positive torque requests from the engine controller if the CAN-C bus stops communicating while the cruise control is requesting positive torque. In the instance of a short in the ve
	Some 2014*2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
805	To correct this problem, Kia will reprogram the ECU data.
	Some 2014*2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
806	To correct this problem, Kia will reprogram the ECU data.
	Complaint: No known customer complaint Component: EGR Cooler Possible DTCs Present: No DTCs present Analysis: Due to a parts catalog error, an incorrect EGR Cooler and Valve Assembly may have been installed on some vehicles during a past service repair visit. Audi will inspect, and if needed replace the component as a proactive measure to ensure continued emissions compliance.
	Incorrect Part Number: EGR Cooler (059 131 515 F) Correct Part Number: EGR Cooler (059 131 515 FP)
807	
808	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
809	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
810	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
811	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
812	The Engine Control Module (ECMs) in the subject vehicles are equipped with software to monitor the rear O2 sensors. Under a specific condition, this software may not detect a malfunctioning sensor due to an error in the software.
813	The Engine Control Module (ECMs) in the subject vehicles are equipped with software to monitor the rear O2 sensors. Under a specific condition, this software may not detect a malfunctioning sensor due to an error in the software.
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
814	
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
815	
816	The powertrain control module (PCM) has a software issue that misinterprets sensor inputs as a Fuel Level Sensor (Fuel Gauge Sending unit) issue and may turn on the malfunction indicator lamp (MIL), and store a diagnostic trouble code (DTC) P0461 ? Fuel Level Sensor Circuit Range/Performance.
817	Toyota has received reports about potential symptoms, such as a whine noise from the transmission while driving, harsh shifting, reduced power, and master warning light/check engine light illumination, in the subject vehicles that are equipped with a model UA80 transmission. There is a possibility that a washer tab, designed
818	Toyota has received reports about potential symptoms, such as a whine noise from the transmission while driving, harsh shifting, reduced power, and master warning light/check engine light illumination, in the subject vehicles that are equipped with a model UA80 transmission. There is a possibility that a washer tab, designed
	Some 2018 Jeep Grand Cherokee (7WK??), Dodge Durango (7WD??) vehicles contain a software vulnerability that may result in the inability to cancel cruise control (PCC??) during a CAN-C twisted pair short. In this condition the vehicle may continue at a steady speed or accelerate.
	Some vehicles, noted above, within this Voluntary Safety Recall may have calibrations with the Cold Start Emissions Reduction Strategy (CSERS) diagnostic, for ignition timing performance, which is inadvertently disabled when the engine oil temperature is below 10°C.
819	
	During vehicle production, a non-U.S. specification selective catalytic reduction (SCR) catalyst may have been installed in some vehicles. Installation of this SCR catalyst is not compliant with U.S. emissions/regulatory requirements, and may impact vehicle tailpipe emissions under certain conditions.
	Euro Part Number: 4G0 254 400 A US Part Number: 4G0 254 400 Bor BX
820	VWGA will launch this campaign on or about April 18 as a required vehicle updated (inspect and replace) followed by a formal mail out on or about July 2018.
821	There is a possibility that moisture in the air may cause a filter in the air injection pump to degrade. This degradation could cause damage to other parts of the vehicle emission system and illuminate the check engine light (Malfunction Indicator Light).
822	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.

Q			R	S
804	FCA US is conducting emissions-related voluntary safety recall (U73) on affected vehicles that, in addition to correcting the safety issue, reprograms the BPCM with new software that corrects the PFC clearing issues.		7/2/2018	3324
KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt. KIA will reprogram the ECU through a voluntary service campaign.			8/8/2019	2348
KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt. KIA will reprogram the ECU through a voluntary service campaign.			8/8/2019	6076
Production: Vehicles out of Production Service: Parts catalog has been updated to reflect the correct part number. VWGoA will release an Emissions Service Action (2619) with Customer Notification to repair the affected vehicles			8/14/2019	36
807			4/15/2019	1226
808	Ferrari will replace the Fuel Vapor Separator, free of charge.		4/15/2019	11
809	Ferrari will replace the Fuel Vapor Separator, free of charge.		4/15/2019	334
810	Ferrari will replace the Fuel Vapor Separator, free of charge.		4/15/2019	334
811	Ferrari will replace the Fuel Vapor Separator, free of charge.		3/14/2019	25015
812	The ECM software will be updated FREE OF CHARGE.		3/14/2019	144048
813	The ECM software will be updated FREE OF CHARGE.		9/2/2019	55
Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.			9/2/2019	25
814			4/30/2019	31209
815	Replace the incorrect 0W-30 oil filler cap with the correct 5W-30 cap.		4/30/2019	145
816	The PCM software will be updated to correct the OBD monitor and correct the possible false MIL.		4/30/2019	150040
817	This Customer Support Program provides coverage for damage to the UASO transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light, if the			
818	This Customer Support Program provides coverage for damage to the UASO transmission caused by the previously mentioned loose washer tab and resulting in symptoms such as a whine noise from the transmission while driving, harsh shifting, reduced power, and illumination of the master warning light/check engine light, if the			
FCA US is conducting an emissions-related voluntary safety recall (U65) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.			7/6/2018	178333
Volkswagen Group of America, Inc. will initiate campaign (26K6) to inspect and install a replacement Selective Catalytic Converter on affected vehicles .			7/1/2018	4708
820	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed		2/15/2019	10943
821	Subaru will replace the engine valve springs with new ones having improved durability strength. The repair will be performed free of charge.		12/28/2018	526
822				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
823	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					FCRXV05.75P1	2015
824	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					GCRXV05.75P2	2016
825	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					ECRXV03.65PA	2014
826	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 4Dr			GHNXV01.53H2	2016
827	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI			ASKXV2.395F1	2010
828	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S AWD			ASKXV2.395F1	2010
829	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S AWD			DSKXV2.395F1	2013

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823	Some 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year may have vapor carbon canisters that lead to exceedances of Onboard Refueling Vapor Recovery stand
824	Some 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year may have vapor carbon canisters that lead to exceedances of Onboard Refueling Vapor Recovery stand
825	Some 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year may have vapor carbon canisters that lead to exceedances of Onboard Refueling Vapor Recovery stand
826	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.
827	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
828	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
829	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.

	Q	R	S
823	<p>FCA US will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>	7/23/2019	27937
824	<p>FCA US will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>	7/23/2019	2
825	<p>FCA US will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and Vehicle Targeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>	7/23/2019	13325
826	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	16758
827	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>	8/9/2019	6807
828	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>	8/9/2019	6807
829	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>	8/9/2019	1805

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
830	Audi	ADX	New Submission	Submitted	2/28/2019 9:48:51		ADX-RR-2019-0000180	Recall Report	RR	Volkswagen	GTI			EADKV02.03PA	2014
831	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 5Dr			HHNXV01.5XH2	2017
832	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			HHNXV01.56H3	2017
833	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			HHNXV01.56H3	2017
834	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 5Dr			HHNXV01.5562	2017
835	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			JHHNXV01.5VH3	2018
836	Toyota Motor Corporation	TYX	Correction	Superseded	8/9/2019 9:59:45	8/21/2019 13:09:57	TYX-RR-2019-0000058	Recall Report	RR	LEXUS	GX 460			DTYXT04.68EX	2013

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	<div>Analysis determined software calibrations within this report have one of the following concerns: -OBD Phase in - OBD Phase in requirements in MY14 might not be met -Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns. -Under some conditions, affected vehicles with the transmission software calibrations (CG300045E_4305) may experience elevated FTP NOx emissions. -No Information Available - Unique software on a low number of vehicles that are not possible to analyze. -Possible CO2 impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years. -Pre-series software installed - Vehicles with pre-series software in the field. (Mode A) Production SoftwareReplacement SoftwareECM or TCMTest Group 02E300054M_260702E300054M_2607TCMCADXXV02.03UA 02E300057Q_310702E300057Q_3118TCMCADXXV02.03UA 02E300057Q_3119096927750LR_2062TCMCADXXV02.03UA 02E300057R_311402E300057R_3107TCMCADXXV02.03UA 02E300058N_350102E300058N_3505TCMCADXXV02.03UA 02E300058N_351002E300058N_3509TCMCADXXV02.03UA 096927750HC_1111096927750LR_2062TCMCADXXV02.03UA 096927750MN_2239096927750LR_2062TCMCADXXV02.03UA 02E300057R_311402E300057R_3107TCMCADXXV02.03PA 02E300057R_311402E300058N_3509TCMDADXXV02.03UA No Info, CO2 impact, Pre-Series Production SoftwareReplacement SoftwareECM or TCMTest Group 02E300058P_351502E300058P_3509TCMDADXXV02.03UA 02E300058P_351002E300058P_3509TCMDADXXV02.03PA 1K0907115AF_00101K0907115AT_0020ECMEADXXV02.03PA 02E300058P_350902E300058P_3510TCMEADXXV02.03PA</div>
830	
831	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
832	
833	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
834	
835	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
836	There is a possibility that moisture in the air may cause a filter in the air injection pump to degrade. This degradation could cause damage to other parts of the vehicle emission system and illuminate the check engine light (Malfunction Indicator Light).

	Q	R	S
830	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
831	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>A part of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	84018
832	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>A part of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	13250
833	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>A part of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	13250
834	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>A part of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	72400
835	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>A part of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	18981
836	This campaign instructs any authorized Lexus dealer will replace the filter in the air injection pump with an improved design filter, and replace the air switching valves in the vehicle emissions system FREE OF CHARGE. The dealer will also inspect the air injection pump for damage and may replace the air injection pump, as needed	8/8/2019	10713

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
837	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR		Volkswagen	Passat		GVGAV02.0VPO	2016
838	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 8:35:16		CRX-RR-2019-0000188	Recall Report	RR					GCRXJ02.45P4	2016
839	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 12:59:01		HNX-RR-2018-0000799	Recall Report	RR		Honda	CR-V FWD	1.5L	JHNXT01.51R3	2018
840	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR		Honda	CIVIC SDr	1.5L	HHNXV01.5562	2017
841	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	4/15/2019 18:40:22		HNX-RR-2019-0000273	Recall Report	RR		Honda	CR-V FWD		KHNXT01.5Y53	2019
842	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR		Volkswagen	TIGUAN		EVWXX02.03UA	2014
843	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR		Volkswagen	CC		CVWXX02.03PA	2012
844	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR		Jeep	Renegade 4x4		FCRXJ02.45P0	2015

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	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750N_26277TCMPVGA02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMGVGA02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPVGA02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPVGA03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVGA01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVGA02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVGA02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVGA02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVGA03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVGA03.6VUG</p> <p>OBD Phase In:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617963H906023BM_6875ECMPVGA03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>06L906027HE_680506L906027HE_8226ECMPVGA02.0VUE</p> <p>837</p> <p>838</p> <p>Some 2011-2016 model year 2.0L/2.4L World Gas Engine (PWGE??) test groups containing the Dodge Journey (JC??), Chrysler 200/Dodge Avenger (J5J7?), Dodge Caliber (PM??) and Jeep® Compass/Patriot (7MK) vehicles with front-wheel drive, may exceed emissions standards due to loss of catalyst efficiency due to the combinat</p>
839	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
840	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
841	<p>Due to inappropriate PCM software, the EVAP monitor function does not correctly send ECU's shut down command if EVAP monitor conditions are not satisfied. As a result, the 12V battery may be discharged and the vehicle engine may not start.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>0CB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>0CB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2251TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>0CG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>842</p> <p>0CG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>0CB927750_18190CB927750CG_2665TCMCVWX03.6U76</p> <p>0CB927750AL_19770CB927750CG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWX02.03PA</p> <p>02E300054M_260702E300054M_2609TCMCVWX02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWX02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWX02.03SA</p> <p>09G927750PH_260209G927750LH_2251TCMCVWX02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWX03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWX03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWX02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWX02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWX02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWX02.03UA</p> <p>0CG300045D_47010CG300045F_5307TCMDVWX01.4PHE</p> <p>843</p> <p>0CG300045E_43050CG300045F_5307TCMDVWX01.4PHE</p>
844	<p>Some 2015 -2017 MY Jeep® Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.</p>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
845	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	RAM	Promaster City			GCRXH02.45P4	2016
846	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					FMBXV02.0U2D	2015
847	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					JMBXJ03.0U2A	2018
848	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					HMBXJ02.0U2B	2017
849	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					FMBXJ02.0U2A	2015
850	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					GMBXV02.0U2A	2016
851	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			JHNXV01.5362	2018
852	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 5Dr			HHNXV01.5562	2017
853	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			GHNXV01.53H2	2016
854	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			GHNXV01.56K2	2016
855	American Honda Motor Co., Inc.	HNX	Correction	Submitted	3/28/2019 12:55:53		HNX-RR-2018-0000795	Recall Report	RR	Honda	CR-V FWD			HHNXV01.54R3	2017

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
856	American Honda Motor Co., Inc.	HNX	Correction	Submitted	3/28/2019 12:55:53		HNX-RR-2018-0000795	Recall Report	RR	Honda	CR-V FWD			JHNXT01.51R3	2018
857	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS v			ETYYV01.8CCU	2014
858	Toyota Motor Corporation	TYX	Correction	Submitted	1/28/2019 13:50:56		TYX-RR-2019-0000007	Recall Report	RR	TOYOTA	PRIUS			DTYXV01.8HC3	2013
859	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI			DSKXV2.395F1	2013
860	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S AWD			ASKXV2.395F1	2010
861	Kia Motors Corporation	KMX	New Submission	Submitted	9/23/2019 14:04:55		KMX-RR-2019-0000722	Recall Report	RR	HYUNDAI	Elantra			EKMXV02.0EFP	2014
862	BMW	BMX	New Submission	Submitted	10/28/2019 8:44:01		BMX-RR-2019-0000472	Recall Report	RR					HBMXV03.0BSX	2017
863	BMW	BMX	New Submission	Submitted	10/28/2019 8:56:32		BMX-RR-2019-0000460	Recall Report	RR					EBMXT03.0N57	2014
864	BMW	BMX	New Submission	Submitted	10/28/2019 9:05:26		BMX-RR-2019-0000465	Recall Report	RR					EBMXV03.0N57	2014
865	BMW	BMX	New Submission	Submitted	10/28/2019 11:10:45		BMX-RR-2019-0000466	Recall Report	RR					DBMXT03.0M57	2013

	Q	R	S
	<p>Repair #1: Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software, and the A/C unit ECU with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p> <p>Some vehicles had the updated A/C unit ECU installed as a part of a running change and would require only those repairs listed in repair #2 below:</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p> <p>856 This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced.</p> <p>857 This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced.</p> <p>858 This campaign instructs when the remedy becomes available, any authorized Toyota dealer will perform a software update for the hybrid system FREE OF CHARGE. In addition, for customer satisfaction, if the vehicle has experienced an inverter failure with certain hybrid system faults related to this condition, the inverter assembly will be replaced.</p>	<p>12/17/2018</p> <p>1/22/2019</p> <p>1/22/2019</p>	<p>112594</p> <p>24724</p> <p>147223</p>
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p> <p>859 (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.</p>	<p>8/9/2019</p>	<p>1805</p>
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p> <p>860 (5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.</p>	<p>8/9/2019</p>	<p>6807</p>
	<p>Hyundai modifies EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt.</p> <p>Hyundai will reprogram the ECU through a voluntary service campaign.</p>	<p>8/14/2019</p>	<p>3214</p>
	<p>For the components lower and upper air flaps of Model Year 2017 test group HBMMV03.0BSX (only built in 7 Series models) and of Model Year 2017 test group HBMMV04.4N63 a warranty extension to full useful life (10 years/120,000 miles) was decided.</p> <p>To avoid stiffness of the EGR valve, the geometry of the cam disc was changed to create more force on the valve stem. Additionally, an undercut of the bearing makes the valve stem resistant to soot and provides a barrier-free slide. The new parts were introduced into production and as replacement parts starting in 06/14.</p>	<p>5/3/2019</p> <p>8/24/2018</p>	<p>10282</p> <p>4031</p>
	<p>To eliminate this problem, the processing of the sensor plating has been modified, making the sensor more resistant to phosphorus contamination.</p>	<p>12/14/2018</p>	<p>5167</p>
	<p>i) An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09.</p> <p>ii) An improved hardware (a shrinking hose with hot melt ensuring that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10.</p> <p>865</p>	<p>10/5/2018</p>	<p>770</p>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
866	Audi	ADX	New Submission	Submitted	10/25/2019 7:54:24		ADX-RR-2019-0000853	Recall Report	RR	Volkswagen	TOUAREG			EADXT03.02UG	2014
867	General Motors LLC	GMX	New Submission	Submitted	10/10/2019 9:30:39		GMX-RR-2019-0000745	Recall Report	RR					JGMKV01.4050	2018
868	BMW	BMX	New Submission	Superseded	5/3/2018 12:09:59	7/25/2018 19:37:55	BMX-RR-2018-0000074	Recall Report	RR					EBMKV04.4N63	2014
869	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	JETTA			AVWXV02.0U5N	2010
870	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/4/2018 10:23:35		VGA-RR-2018-0000090	Recall Report	RR	Volkswagen	e-Golf			GVGAV00.0VZZ	2016
871	BMW	BMX	New Submission	Submitted	5/11/2018 12:04:45		BMX-RR-2018-0000082	Recall Report	RR					EBMKV03.0N57	2014
872	BMW	BMX	New Submission	Submitted	5/11/2018 12:04:45		BMX-RR-2018-0000082	Recall Report	RR					EBMKV02.0N47	2014
873	FCA US LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee Trailhawk 4x4			JCRXY02.45P3	2018
874	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					DHNXY02.4D83	2013
875	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					BHNNY02.4CB3	2011
876	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	7/13/2018 13:40:20		VGA-RR-2018-0000295	Recall Report	RR	Volkswagen	Golf			JVGAV02.0APA	2018
877	BMW	BMX	New Submission	Submitted	7/25/2018 10:22:34		BMX-RR-2018-0000336	Recall Report	RR					EBMKV01.5I8P	2014

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
878	BMW	BMX	New Submission	Submitted	7/25/2018 20:43:08		BMX-RR-2018-0000135	Recall Report	RR					JBMXV02.0B4X	2018
879	BMW	BMX	New Submission	Submitted	7/25/2018 20:54:35		BMX-RR-2018-0000337	Recall Report	RR					JBMXV02.0B4X	2018
880	BMW	BMX	New Submission	Submitted	7/25/2018 20:54:35		BMX-RR-2018-0000337	Recall Report	RR					JBMXV03.0B58	2018
881	Toyota Motor Corporation	TYX	New Submission	Submitted	8/6/2018 15:40:11		TYX-RR-2018-0000385	Recall Report	RR	TOYOTA	COROLLA LE ECO			ETYXV01.8MEA	2014
882	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	VERSA	1.6		HNSXV01.6N4A	2017
883	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	ALTIMA SR	2.5		GHNSXV02.535A	2016
884	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:07:47		GMX-RR-2018-0000403	Recall Report	RR					DGMXV01.4D11	2013
885	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXV02.0031	2018
886	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BETLE			DVWXV02.03PA	2013
887	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	Jetta			DVWXV02.03PA	2013

	P
878	<p>The NVLD temperature sensor module is a smart device. A software error causing a communication failure between the NVLD temperature sensor and the engine control module leads to an OBD fault code entry (U029F) and MIL illumination. The temperature sensor module cannot be reprogrammed and must be replaced.</p>
879	<p>Due to a logistic failure the model year 2017 Vehicle Emission Control Information (VEC) Label was inadvertently affixed to 1282 model year 2018 3-series models produced between November 14, 2017 and February 11, 2018. That means the MY2017 VECI label was affixed instead of the correct MY2018 VECI Label.</p>
880	<p>Due to a logistic failure the model year 2017 Vehicle Emission Control Information (VEC) Label was inadvertently affixed to 1282 model year 2018 3-series models produced between November 14, 2017 and February 11, 2018. That means the MY2017 VECI label was affixed instead of the correct MY2018 VECI Label.</p>
881	<p>An Electronic Control Unit (ECU) in the subject vehicles has improper programming that could lead a component in the Continuously Variable Transmission (CVT) to unnecessarily cycle and experience abnormal wear. If this component becomes damaged, the Malfunction Indicator Lamp (MIL) may illuminate in the instrument cluster.</p>
882	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (+100 deg. F) and low barometric pressure (+1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.</p>
883	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.</p>
884	<p>Certain 2017-2018 model year Cadillac XTS vehicles equipped with an 8-speed transmission were service programmed with incorrect transmission control module (TCM) software. Vehicles programmed with this software may, under certain downhill driving conditions, inappropriately remain in a mode of delayed upshifts that could cause engine lugging.</p>
885	<p>The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p>
886	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers. Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>
887	<p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code):</p> <p>06K906070AB V9344 (MY13-14 Jetta, CPPA) 06K906070T V9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPPA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents:</p> <p>FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers. Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p>

	Q	R	S
878	The corrective measure consists of replacing the temperature sensor smart module with a new part and updated software.	5/11/2018	3570
879	The corrective measure consists of replacing the originally affixed vehicle model year 2017 emission control information label with the correct model year 2018 label.	5/11/2018	2196
880	The corrective measure consists of replacing the originally affixed vehicle model year 2017 emission control information label with the correct model year 2018 label.	5/11/2018	527
881	Any authorized Toyota dealer will inspect the CVT control software and, if necessary, perform an update for that software at NO CHARGE. After inspecting the software and, if necessary, performing the software update, the CVT solenoid valve controlling the gear ratio in the CVT will be inspected and, if necessary, the CVT valve bod	8/8/2018	20177
882	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	6122
883	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	1869
884	General Motors will conduct a Voluntary Emissions Recall to program the TCM with the correct software.	8/9/2018	1081
885	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	39
886	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	4568
887	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles. All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.	8/30/2018	4568

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
888	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle Convertible			HVGAV02.0VPD	2017
889	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle			FVGAV02.0VPD	2015
890	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR					JCRXJ02.0SPD	2018
891	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x4			HCRXJ01.4SPD	2017
892	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	FIAT	500			HCRXJ01.4SPD	2017
893	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x4			GCRXJ01.4SPD	2016

	P
	Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)
888	Part Numbers / Version (Model Year/Model/Engine Code): 06K997071F V9371 (MY15 Passat, CPKA) 06K997071G V9372 (MY15 Passat, CPRA) 06K997071B V9350 (MY15 Jetta, CPKA) 06K997071C V9351 (MY15 Jetta, CPRA) 06K997071J V9357 (MY15 Jetta, CPFA) 06K997071H V9356 (MY15 Jetta, CPLA) 06K997071K V9358 (MY15 Beetle/Beetle Convertible, CPLA) 06K997071L V9359 (MY15 Beetle/Beetle Convertible, CPFA) 06K997071D V9369 (MY15 Beetle/Beetle Convertible, CPKA) 06K997071E V9370 (MY15 Beetle/Beetle Convertible, CPRA) 06K906071AF V4869 (MY16 Passat, CPKA) 06K997072C V4883 (MY16 Passat, CPKA) 06K906071AH V4871 (MY16 Jetta, CPKA) 06K997071T V4879 (MY16 Jetta, CPKA) 06K906071AK V4873 (MY16 Beetle/Beetle Convertible, CPKA) 06K997072A V4881 (MY16 Beetle/Beetle Convertible, CPKA) 06K906071AG V4870 (MY16 Passat, CPRA) 06K906072D V4884 (MY16 Passat, CPRA) 06K906071AJ V4872 (MY16 Jetta, CPRA) 06K997072 V4880 (MY16 Jetta, CPRA) 06K906071AL V4874 (MY16 Beetle/Beetle Convertible, CPRA) 06K997072B V4882 (MY16 Beetle/Beetle Convertible, CPRA) 06K906071BA V4877 (MY16 Beetle/Beetle Convertible, CPLA) 06K997072G V4887 (MY16 Beetle/Beetle Convertible, CPLA) 06K906071AS V4875 (MY16 Jetta, CPLA) 06K997072E V4885 (MY16 Jetta, CPLA)
889	
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.
890	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.
891	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.
892	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.
	Some 2015-2018MY 1.4L FIAT Spider Convertible (7BA7?), Jeep Renegade (7BU7?), FIAT 500 (7FF7?), FIAT 500X (7FB7?), FIAT LO (7BG7?), FIAT 500L (7BF7?) and 2018 2.0L Alpha Giulia (7GA7?), Alpha Stelvio (7GU7?) vehicles that entered commerce may have a calibration that inadvertently suspended some required On-board Diagnostic (POBD7?) monitors when the P1D7F fault code is set.
893	This issue occurred when the powertrain control software was modified to correct an issue related to the P1D7F code inadvertently setting during uncommon conditions (i.e. low battery voltage, etc.) and resulting in nuisance Malfunction Indicator Light (7MIL7?) faults. The resulting 7fix?? (making P1D7F a non-MIL code) inadvertently resulted in additional OBD-related issues.

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	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018</p>	8/30/2018	116865
	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August, 2018 Customer Notification: On or about August, 2018</p>	8/30/2018	120115
890	.FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	19486
891	.FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	1061
892	.FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	1061
893	.FCA has employed change in production and will will perform a voluntary emissions recall (U76) on affected vehicles to reprogram the powertrain control module with new software that corrects the P1D7F issue and 7un-suspend?? the OBD monitors.	8/31/2018	143

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
894	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	FIAT	500X			GCRXJ01.45P0	2016
895	Toyota Motor Corporation	TYX	New Submission	Submitted	8/30/2018 14:13:11		TYX-RR-2018-0000519	Recall Report	RR	TOYOTA	TACOMA 2WD			HTYXT03.5MSN	2017
896	Toyota Motor Corporation	TYX	Correction	Submitted	8/28/2018 9:24:59		TYX-RR-2018-0000510	Recall Report	RR	LEXUS	IS 350 AWD			CTYXV03.5BE8	2012
897	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/14/2018 20:15:16		HNX-RR-2018-0000584	Recall Report	RR	Acura	NSX			JHNXV03.5CH4	2018
898	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT03.65P8	2018
899	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT02.05P1	2018
900	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT02.45P2	2018
901	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					HCRXT03.65P1	2017
902	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 14:13:13		CRX-RR-2018-0000633	Recall Report	RR					HCRXJ02.05P0	2017
903	FCA US LLC	CRX	New Submission	Submitted	10/19/2018 8:06:25		CRX-RR-2018-0000586	Recall Report	RR	Jeep	Wrangler 4X4			JCRXT02.05P1	2018
904	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	5MT, SAT	6HNVV02.4KXG	2006
905	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT, 5MT	4HNVV02.4JBP	2004
906	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					CHNVV01.8VC2	2012
907	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					BHNVV03.5EB9	2011
908	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 2DR COUPE	3.5L	SAT, 6MT	8HNVV03.5VXR	2008
909	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	3.0L	SAT, 6MT	6HNVV03.0HKC	2006
910	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					CHNVV01.8CB2	2012
911	Volkswagen	VWX	New Submission	Submitted	11/14/2018 14:38:44		VWX-RR-2018-0000728	Recall Report	RR	Volkswagen	Passat			CVWXV02.0U45	2012

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
912	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/20/2018 18:47:31	3/27/2019 15:07:03	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V AWD			JHNXT01.51R3	2018
914	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					GMBXV03.0U2B	2016
915	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					FMBXV03.0U2B	2015
916	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					GMBXV02.0U2B	2016
917	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					FMBXV03.0U2A	2015
918	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/8/2019 12:31:25		HNX-RR-2019-0000105	Recall Report	RR	Honda	RIDGELINE AWD			KHNXT03.5RX4	2019
919	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	QUATTROPORTE			BMAXV04.7LEV	2011
920	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			GMAXV04.7LEV	2016
921	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO			JMAXV04.7LEV	2018
922	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	QUATTROPORTE			FMAXV04.7LEV	2015
923	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/20/2019 9:09:02		VGA-RR-2019-0000444	Recall Report	RR	Audi	A8			FVGAJ03.0NU4	2015
924	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/20/2019 9:09:02		VGA-RR-2019-0000444	Recall Report	RR	Audi	A7 quattro			FVGAJ03.0NU4	2015
925	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	MDX FWD			HHNXV03.5VH3	2017
926	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX AWD			JHNXV03.5LH3	2018
927	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX			FHNXV03.5WA4	2015
928	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			DCRXV03.6UPA	2013
929	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			BCRXV05.7UP0	2011

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912	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
914	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo
915	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo
916	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo
917	Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo
918	Certain undiluted, low pH, sulfuric acid-based vehicle cleaning detergents may come into contact with and ultimately cause the fuel pump feed port to crack and cause a fuel leak.
919	Upon start-up of the vehicle, the engine software does not properly complete the secondary air monitor, resulting in a low IUMPR ratio. The low IUMPR ratio does not meet the OBD II regulatory requirements.
920	Upon start-up of the vehicle, the engine software does not properly complete the secondary air monitor, resulting in a low IUMPR ratio. The low IUMPR ratio does not meet the OBD II regulatory requirements.
921	Upon start-up of the vehicle, the engine software does not properly complete the secondary air monitor, resulting in a low IUMPR ratio. The low IUMPR ratio does not meet the OBD II regulatory requirements.
922	Upon start-up of the vehicle, the engine software does not properly complete the secondary air monitor, resulting in a low IUMPR ratio. The low IUMPR ratio does not meet the OBD II regulatory requirements.
923	<p>Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7. During the same service action, Audi also intends to make other improvements to the software.</p> <p>The hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.</p> <p>With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 6/18/2019, following the defined consent decree submission pathway). In addition, Volkswagen also provides the following information:</p> <p>Complaint: MIL on</p> <p>Component: Oxygen Sensor</p> <p>Production Part Number Analyses: 059 906 262 Q</p> <p>-AEM-C Service Action replacement part numbers:</p> <p>o04L 906 262 B (Oxygen Sensor)</p> <p>o4HO 254 750 HX (Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter)</p> <p>o4HO 298 099 (Installation Kit for Exhaust Pipe w/ Oxidation Catalyst and Diesel Particulate Filter)</p> <p>-DTCs Present: P0133 - O2 Sensor Circ., Bank 1-Sensor 1 Slow Response</p> <p>The changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated June 18, 2019. In addition, the software part numbers are as follows:</p> <p>GenerationModelIMCurrent: AEM ECM SoftwareTarget: AEM-C Software</p> <p>Gen 2 PCA620154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA720154G0907401N 0013 BVA84G0907401N 0016</p> <p>Gen 2 PCA820154H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520158K5907401AC 0008 BVA88K5907401AC 0010</p> <p>Gen 2 PCA820164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA820164G0907401AA 0010 BVA84G0907401AA 0012</p> <p>Gen 2 PCA820164H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCA820164H0907401N 0007 BVA84H0907401N 0009</p> <p>Gen 2 PCQ520168K5907401AC 0008 BVA88K5907401AC 0010</p>
924	
925	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
926	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
927	Certain 2015-2017MY Honda Accord, 2015-2019MY Acura TLX, 2016-2018MY Acura MDX vehicles equipped with a V6 engine, fuels containing high sodium content can contaminate certain internal components in the fuel pump and cause a reduced fuel flow to the engine.
928	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
929	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.

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	<p>To ensure your confidence in our product to customer in all states, Honda is extending the powertrain warranty for 6 years with unlimited mileage from the original sale date. A part of the Warranty Extension terms is the inclusion for any customer that exhibits the symptom to be eligible for Honda's Product Update PUDR-18-010-00 (HNX-RR-2018-0000795) previously launched in 21 affected cold weather states and those repairs are listed below:</p> <p>Repair #1: Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p> <p>Some vehicles had the updated A/C unit ECU installed as a part of a running change and would require only those repairs listed in repair #2 below:</p> <p>Repair #2: Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p>	1/28/2019	312816
	<p>Repair #1: Replace the A/C unit ECU, reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p> <p>Some vehicles had the updated A/C unit ECU installed as a part of a running change and would require only those repairs listed in repair #2 below:</p> <p>Repair #2: Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.</p>	12/17/2018 3/13/2019 3/13/2019 3/13/2019 3/13/2019 3/13/2019	112594 130 39 37728 234
	<p>An inspection of the fuel pump and high pressure quick connector for leaks and or cracks.</p> <p>If cracks or fuel leaks are present, the fuel pump will be replaced and a fuel pump cover kit will be installed. A small amount of vehicles are expected to require fuel pump replacement.</p> <p>If no cracks or leaks are present, a fuel pump cover kit will be installed to protect the fuel pump and related components.</p>	3/7/2019 2/7/2019 2/7/2019 2/7/2019 2/7/2019	35765 2181 850 1732 1682
	<p>The necessary hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.</p>	7/22/2019	8118
	<p>The necessary hardware and software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated June 18, 2019.</p> <p>The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.</p> <p>The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.</p> <p>The dealer will update the software for the engine control unit with programming that eliminates sodium contamination in the fuel pump. The dealer will also perform a diagnostic scan of the vehicle. If the diagnostic scan confirms a previous occurrence of engine stalling, the fuel pump will be replaced for free.</p>	7/22/2019 3/25/2019 3/25/2019 3/25/2019	8118 69381 20399 37194
	<p>FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.</p>	7/1/2019	1350
	<p>FCA US LLC (FCA) will extend the warranty period from 3 years or 36,000 miles (3 years or 50,000 miles for vehicles covered under the California Emission Warranty) to an additional 1 year/Unlimited miles from Warranty Bulletin notification (X79) for vehicles already out of the warranty period to replace the fuel pump module.</p>	7/1/2019	4493

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
930	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			CCRKV03.6UPA	2012
931	FCA US LLC	CRX	New Submission	Submitted	7/8/2019 10:21:54		CRX-RR-2019-0000475	Recall Report	RR	Dodge	Charger			CCRKV03.6VP0	2012
932	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte 5			EKMXV02.0EFP	2014
933	General Motors LLC	GMX	New Submission	Submitted	9/19/2019 21:46:34		GMX-RR-2019-0000721	Recall Report	RR					KGMXT06.2375	2019
934	Mazda Motor Corporation	TXV	New Submission	Submitted	8/28/2019 9:52:45		TXV-RR-2019-0000586	Recall Report	RR	MAZDA	Mazda3 5-Door 2WD			RTXVW02.5CDA	2019
935	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	GTCLusso			KFEXV06.5GDI	2019
936	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	488 Spider			JFEXV03.9TUR	2018
937	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	GTCLusso			JFEXV06.5GDI	2018
938	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	GTCLusso T			KFEXV03.9TUR	2019
939	Hyundai Motor Company	HYX	New Submission	Superseded	8/19/2019 14:55:04	8/19/2019 15:06:38	HYX-RR-2019-0000648	Recall Report	RR	KIA	Optima			JHYVW02.4AJ5	2018
940	Hyundai Motor Company	HYX	New Submission	Superseded	8/19/2019 14:55:04	8/19/2019 15:06:38	HYX-RR-2019-0000648	Recall Report	RR	HYUNDAI	Sonata			JHYVW02.4AJ5	2018
941	Hyundai Motor Company	HYX	New Submission	Superseded	8/19/2019 14:55:04	8/19/2019 15:06:38	HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G90 AWD			JHYVW03.31MF	2018
942	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	3/29/2019 19:09:45		HNX-RR-2019-0000193	Recall Report	RR	Honda	CIVIC 2Dr			KHNXV02.0DH3	2019
943	FCA US LLC	CRX	New Submission	Submitted	4/30/2019 14:20:14		CRX-RR-2019-0000295	Recall Report	RR	Jeep	Renegade 4x2			HCRXJ02.45PA	2017
944	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	4/24/2019 11:16:30	4/24/2019 12:41:48	NSX-RR-2019-0000284	Recall Report	RR	NISSAN	ALTIMA AWD			KNSXV02.5HPA	2019
945	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	BRZ			DFXJW02.0A1M	2013
946	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA AWD			DFXJ02.5MLP	2013
947	Subaru Corporation	FIX	New Submission	Submitted	1/29/2019 21:17:44		FIX-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA WAGON AWD			DFXJ02.5NKR	2013
948	Mazda Motor Corporation	TXV	New Submission	Submitted	7/25/2019 21:27:52		TXV-RR-2019-0000557	Recall Report	RR					JTKXT02.5FFA	2018
949	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000569	Recall Report	RR	Honda	CIVIC SDr			JHNXV01.5TH2	2018

	P
930	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
931	Some 2011-2016 model year Dodge Charger Pursuit vehicles equipped with a 3.6 L or 5.7L engine may experience a fuel odor inside the vehicle, fuel leaks (including at the primary fuel module connector to the body harness) and browning of electrical terminals to the primary fuel module connector.
	Some 2014-2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
932	To correct this problem, Kia will reprogram the ECU data.
933	The Vehicle Emissions Control Information (VECI) label was not installed on certain vehicles.
	On certain Powertrain Control Modules (PCM), the software controlling the hydraulic valve clearance adjuster may operate improperly when transitioning from cylinder deactivation to full cylinder activation modes. As a result, an intake valve rocker arm may come out of position and make contact with internal engine parts, which may cause an engine misfire, loss of engine power, and/or Malfunction Indicator Light (MIL) illumination. ?
934	In the worst case, engine stall without the ability to be restarted can occur while driving, which may increase the risk of a crash. No accidents, injuries, or deaths have been reported from the field to date as a result of this defect.
935	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
936	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
937	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
938	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
939	
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
940	
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
941	
942	The powertrain control module (PCM) has a software issue that misinterprets sensor inputs as a Fuel Level Sensor (Fuel Gauge Sending unit) issue and may turn on the malfunction indicator lamp (MIL), and store a diagnostic trouble code (DTC) P0461 ? Fuel Level Sensor Circuit Range/Performance.
943	Some 2017-2018 MY Jeep® Renegade vehicles equipped with flex fuel E85 compatible fuel systems (sales code XKN), may experience cavitation which will cause loss of fuel pressure under certain environmental conditions while using standard 10% ethanol (E10) fuel due to the fuel pump inlet cover being out of specification. In some cases, the fuel pump lock ring that secures the fuel pump module to the fuel tank may have been installed incorrectly during production. More specifically, the lock ring may not have been completely engaged during re-installation following offline rework at the supplier. If the fuel pump lock ring is not properly engaged, the fuel pump may not pump fuel properly, which may cause an abnormal noise or engine malfunction.
944	On some 2019 Nissan Altima vehicles, the fuel pump lock ring that secures the fuel pump module to the fuel tank may have been installed incorrectly during production. More specifically, the lock ring may not have been completely engaged during re-installation following offline rework at the supplier. If the fuel pump lock ring is not properly engaged, the fuel pump may not pump fuel properly, which may cause an abnormal noise or engine malfunction.
945	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.
946	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.
947	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.
	Malfunctions can occur in the passenger frontal air bag system, turn signals, and/or the engine starting system in addition to false instrument cluster warnings. This is caused by weak retention force of wiring harness connector terminals, resulting in electrical communication disruption between various vehicle control modules.
948	No accidents, injuries, or deaths have been reported from the field to date as a result of this defect.
949	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
950	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S			BSKXV2.395F1	2011
951	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			HHNXV01.5XH2	2017
952	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Jetta			FVGAV02.0VUC	2015
953	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 8:35:16		CRX-RR-2019-0000188	Recall Report	RR					ECRXJ02.45P1	2014
954	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 5Dr	1.5L		HHNXV01.5XH2	2017
955	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr	1.5L		GHNXV01.53H2	2016
956	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 5Dr	1.5L		JHNXV01.5362	2018

	Q	R	S
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
950	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6120
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	84018
952	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
953	FCAUS will conduct a Voluntary Emissions Recall (U67) on all affected 2011-2016 MY 2.0L/2.4L WGE vehicles, to install new sulfur resistant catalyst and reprogram the powertrain control module software on affected vehicles which will bring them back into (or maintain) exhaust emissions compliance.	2/25/2019	135258
	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>Apart of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 (EPA HNX-RR-2019-0000073) previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	84018
	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>Apart of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 (EPA HNX-RR-2019-0000073) previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	57213
	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>Apart of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 (EPA HNX-RR-2019-0000073) previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	61710

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
957	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr	1.5L		JHNXV01.5362	2018
958	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	CC			EVWXXV02.03PA	2014
959	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta Hybrid			EVWXXV01.4HEV	2014
960	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			EVWXXV02.5M59	2014
961	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	GOLF			DVWXXV02.5M59	2013
962	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			CVWXXV03.6U41	2012

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
963	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR		Volkswagen	Jetta		EVWV02.085F	2014
964	Subaru Corporation	FIX	New Submission	Submitted	7/1/2019 9:29:09		FIX-RR-2019-0000445	Recall Report	RR		Subaru	LEGACY		GFJXJ02.5HRV	2016
965	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR		Jeep	Renegade 4x4		HCRXJ02.45P1	2017
966	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR		FIAT	500X AWD		HCRXJ02.45P1	2017
967	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR		RAM	Promaster City Wagon		FCRXJ02.45P0	2015
968	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR		KIA	Stinger		JKMXV03.34V6	2018
969	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					GMBXJ02.0U2B	2016
970	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					HMBXT03.0U2B	2017
971	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					HMBXV03.0U2A	2017
972	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					HMBXJ02.0U2C	2017
973	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR		Honda	CIVIC 4Dr		JHNXV01.5VH3	2018
974	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR		Honda	CIVIC 4Dr		JHNXV01.5XH2	2017

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	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCM/ECU Group</p> <p>OC892775G_1818OC892775OCG_2665TCMCVWX03.6U76</p> <p>OC8927750AL_1977OC892775OCG_2665TCMCVWX03.6U76</p> <p>02E300054L_260402E300054M_2604TCMCVWXV02.03PA</p> <p>02E300054M_260702E300054M_2608TCMCVWXV02.03PA</p> <p>02E300058N_351002E300058N_3509TCMCVWXV02.03PA</p> <p>02E300057Q_310102E300057Q_3108TCMCVWXV02.03SA</p> <p>09G927750PH_260209G927750LH_2151TCMCVWXV02.5259</p> <p>02E300057G_271102E300057G_2701TCMCVWXV03.6U41</p> <p>02E300058B_310402E300057G_2701TCMCVWXV03.6U41</p> <p>02E300053A_210602E300058N_3522TCMDVWXJ02.03UA</p> <p>02E300057Q_312202E300058N_3522TCMDVWXJ02.03UA</p> <p>02E300057R_311402E300058N_3509TCMDVWXJ02.03UA</p> <p>02E300058N_350402E300058N_3522TCMDVWXJ02.03UA</p> <p>02E300058N_351002E300058N_3509TCMDVWXJ02.03UA</p> <p>02E300058N_352002E300058N_3525TCMDVWXJ02.03UA</p> <p>OCG300045D_4701OCG300045F_5307TCMDVWXV01.4PHE</p> <p>OCG300045E_4305OCG300043F_5307TCMDVWXV01.4PHE</p> <p>963</p> <p>964</p> <p>Due to an incorrect replacement part number supersession, the incorrect front exhaust pipe, which includes the catalytic converter, may have been supplied and installed to LEVII SULEV30 certified vehicles in California and section 177 states, and Tier 2 Bin 4 and Tier 3 Bin 70 in other states. Having the incorrect front exhaust pi</p>
	<p>Some 2015 - 2017 MY Jeep/, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.</p> <p>965</p>
	<p>Some 2015 - 2017 MY Jeep/, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.</p> <p>966</p>
	<p>Some 2015 - 2017 MY Jeep/, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.</p> <p>967</p>
	<p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate.</p> <p>968</p> <p>969</p> <p>970</p> <p>971</p> <p>972</p> <p>Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo</p> <p>Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo</p> <p>Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo</p> <p>Daimler AG has determined that the engine control unit software of the affected vehicles with 4- and 6-cylinder gasoline engine from the production range 12/2012 until 06/2017 may not meet internal specifications which could lead to an erroneous activation of the MIL. In certain circumstances when the vehicle is parked for lo</p>
	<p>973</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
	<p>974</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
975	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			HHNXV01.56H3	2017
976	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			HHNXV01.56H3	2017
977	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	2/1/2019 18:38:33	3/27/2019 17:05:55	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			GHNXV01.56K2	2016
978	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:24:52		NSX-RR-2019-0000006	Recall Report	RR	NISSAN	ALTIMA SR/PLATINUM			KNXKV02.0PVA	2019
979	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	1/28/2019 13:24:52		NSX-RR-2019-0000006	Recall Report	RR	NISSAN	ALTIMA AWD SR/PLATINUM			KNXKV02.5RPA	2019
980	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			ASXKV2.395F1	2010
981	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S AWD			BSXKV2.395F1	2011
982	Mercedes Benz	MBX	New Submission	Submitted	11/12/2019 10:31:44		MBX-RR-2019-0000938	Recall Report	RR					GMBXV05.SUZA	2016
983	BMW	BMX	New Submission	Submitted	10/28/2019 9:02:17		BMX-RR-2019-0000467	Recall Report	RR					EBMXV02.0N47	2014

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975	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
976	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
977	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.
978	On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may
979	On some 2019 Nissan Altima vehicles, due to an assembly process error that has since been corrected, the retainer clip on the connection between the low-pressure fuel tube and the high-pressure fuel pump may not have been locked into position properly. If the retainer clip is not locked into position properly, the fuel tube may
980	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
981	When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.
982	The S550 is equipped with an electrical pump in the cooling circuit, that will be commanded on if there is a cabin heating request. When this pump is being activated, an unintended coolant backflow through the engine radiator and an additional radiator in the wheel housing might occur. Under very low ambient temperature conditions (below 20°F) in conjunction with specific driving conditions (constantly very low engine load request) and still commanded closed engine thermostat, this possible coolant backflow leads to a temperature drop in the engine cooling circuit. The OBD thermostat monitor, which compares the measured coolant temperature with a modelled target value, misinterprets this coolant backflow as a stuck open thermostat, because the actual coolant temperature is significantly lower than expected. The MIL will falsely illuminate, if this scenario happens in 2 consecutive engine warm-up cycles in which the OBD-related thermostat monitor is running.
983	Analysis have shown that the component NOx Sensor (up- and downstream) has been malfunctioning due to magnesium oxidation at the sensor element which leads to deviation of the sensor curve and thus to a fault code storage and MIL illumination.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
984	Audi	ADX	New Submission	Submitted	10/28/2019 13:49:00		ADX-RR-2019-0000895	Recall Report	RR	Audi	Q7			DADXT03.03UG	2013
985	BMW	BMX	New Submission	Superseded	5/3/2018 12:09:59	7/25/2018 19:37:55	BMX-RR-2018-0000074	Recall Report	RR					DBMXV04.4563	2013
986	BMW	BMX	New Submission	Superseded	5/3/2018 12:09:59	7/25/2018 19:37:55	BMX-RR-2018-0000074	Recall Report	RR	BMW	X5 xDrive50i			EBMXV04.4FL3	2014
987	Volkswagen	VWX	New Submission	Submitted	5/4/2018 9:43:54		VWX-RR-2018-0000087	Recall Report	RR	Volkswagen	Passat			DVWXV02.0U45	2013
988	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	BETLE			EVWXV02.0USN	2014
989	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	JETTA SPORTWAGEN			BVWXV02.0USN	2011

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	<p>Volkswagen / Audi is releasing an AEM Correction pursuant to paragraph 7.7 of Appendix B to the Second Partial Consent Decree (Appendix B). In addition, Volkswagen / Audi is making other software changes as part of a remedial plan pursuant to Appendix B, paragraph 6.1.7. Software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated October 25, 2019.</p> <p>With respect to the AEM Correction, the necessary information can be found in Submission Packages 1-5 (submitted 10/25/2019, following the defined consent decree submission pathway). The other changes to software are described in detail in Submission Packages 6-8 of the Notice of AEM Correction, OBD Remedial Plan, Other Improvements submission, and in summary within the enclosed field fix documents, dated October 25, 2019.</p> <p>In addition, the software part numbers are as follows:</p> <table><tr><th>Generation</th><th>Model</th><th>MY</th><th>Current AEM ECM Software</th><th>Target AEM-C Software</th></tr><tr><td>Gen 2.1</td><td>SUV Q7</td><td>2013-14</td><td>L2910401A 0012</td><td>AWAB 4L2910401A 0014</td></tr><tr><td>Gen 2.1</td><td>SUV Touareg</td><td>2013-17</td><td>P0907401K 0011</td><td>AWAB 7P0907401K 0013</td></tr><tr><td>Gen 2.1</td><td>SUV Q7</td><td>2014-14</td><td>L2910401A 0012</td><td>AWAB 4L2910401A 0014</td></tr><tr><td>Gen 2.1</td><td>SUV Touareg</td><td>2014-17</td><td>P0907401K 0011</td><td>AWAB 7P0907401K 0013</td></tr><tr><td>Gen 2.1</td><td>SUV Q7</td><td>2015-14</td><td>L2910401A 0012</td><td>AWAB 4L2910401A 0014</td></tr><tr><td>Gen 2.2</td><td>SUV Touareg</td><td>2015-17</td><td>P1907401C 0007</td><td>AWAB 7P1907401C 0010</td></tr><tr><td>Gen 2.2</td><td>SUV Touareg</td><td>2016-17</td><td>P1907401C 0007</td><td>AWAB 7P1907401C 0010</td></tr></table>	Generation	Model	MY	Current AEM ECM Software	Target AEM-C Software	Gen 2.1	SUV Q7	2013-14	L2910401A 0012	AWAB 4L2910401A 0014	Gen 2.1	SUV Touareg	2013-17	P0907401K 0011	AWAB 7P0907401K 0013	Gen 2.1	SUV Q7	2014-14	L2910401A 0012	AWAB 4L2910401A 0014	Gen 2.1	SUV Touareg	2014-17	P0907401K 0011	AWAB 7P0907401K 0013	Gen 2.1	SUV Q7	2015-14	L2910401A 0012	AWAB 4L2910401A 0014	Gen 2.2	SUV Touareg	2015-17	P1907401C 0007	AWAB 7P1907401C 0010	Gen 2.2	SUV Touareg	2016-17	P1907401C 0007	AWAB 7P1907401C 0010
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	<p>The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The front oxygen sensor will be checked and evaluated during service and be pro-actively replaced should the measured degradation tolerances be met.</p> <p>Part numbers involved: Replacement Part Numbers: 3C0 129 594 A (Snow Flap) and 03L 906 262 B (O2 Sensor)</p>																																								
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984	The necessary software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other improvements submission, dated October 25, 2019.	11/25/2019	3673
985	The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.	2/7/2018	4558
986	The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.	2/7/2018	4038
987	Volkswagen Group of America, Inc. has initiated an Emissions Service Action with Customer Notification (24CX) to install a replacement Snow Flap and if necessary Oxygen Sensor on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.	8/1/2017	39784
988	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017	8/11/2017	51249
989	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017	8/11/2017	51339

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
990	Volkswagen	VWX	New Submission	Submitted	5/4/2018 10:00:57		VWX-RR-2018-0000088	Recall Report	RR	Volkswagen	Jetta			CVWXV02.0U5N	2012
991	BMW	BMX	New Submission	Submitted	5/11/2018 12:04:45		BMX-RR-2018-0000082	Recall Report	RR					FBMXT03.0N57	2015
992	FCA US LLC	CRX	New Submission	Submitted	5/29/2018 12:14:04		CRX-RR-2018-0000163	Recall Report	RR	Jeep	Cherokee 4X4			JCRXT02.45P1	2018
993	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	Cadillac	ATS			JGMXV02.0031	2018
994	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	Chevrolet	MALIBU			JGMXV02.0031	2018
995	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	Chevrolet	COLORADO 2WD			JGMXT02.5200	2018
996	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	GMC	ACADIA AWD			JGMXT02.5201	2018
997	General Motors LLC	GMX	New Submission	Submitted	7/9/2018 16:09:02		GMX-RR-2018-0000283	Recall Report	RR	GMC	TERRAIN			JGMXT02.0100	2018
998	FCA US LLC	CRX	New Submission	Submitted	7/6/2018 12:14:07		CRX-RR-2018-0000261	Recall Report	RR					JCRXV06.43P0	2018
999	American Honda Motor Co., Inc.	HNV	New Submission	Superseded	7/6/2018 18:51:08	10/3/2018 17:59:32	HNV-RR-2018-0000279	Recall Report	RR					JHNVV02.4KC3	2010

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	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I).</p> <p>All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p> <p>Dealer Notification: On or about August 11th, 2017</p> <p>Customer Notification: On or about August 18th, 2017</p>	8/11/2017	62604
	<p>The corrective measure consists of replacing the PM Sensor with an upgraded sensor with a more robust sensing element, updating the calibration and changing the sensor installation position.</p> <p>991 The new sensor element has been in use in production and as a replacement part since 09/2015.</p> <p>992 FCA US will perform an emissions-related voluntary safety recall (U39) on affected vehicles to inspect the fuel supply tube for damage and replace those that are torn or have partial material loss.</p>	4/20/2018 5/24/2018	7384 16192
	<p>General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.</p>	6/19/2018	13
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	<p>General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.</p>	6/19/2018	213
	<p>General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.</p>	6/19/2018	117
	<p>General Motors will conduct a safety recall on all affected vehicles to replace the high pressure fuel pump and associated high pressure fuel pipe.</p>	6/19/2018	375
	<p>998 FCA US will perform an emissions-related voluntary safety recall (U68) on affected vehicles that, in addition to correcting the safety issue, will reprogram the powertrain control module with new software that corrects the OBD calibration by "turning on" the P0111 diagnostic.</p> <p>999 Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.</p>	7/2/2018 8/15/2018	7256 10

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1000	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					HNXV01.3562	2017
1001	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					DHNXV02.4NC3	2013
1002	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	7/6/2018 18:51:08	10/9/2018 17:59:32	HNX-RR-2018-0000279	Recall Report	RR					HNXV02.0B63	2017
1003	General Motors LLC	GMX	New Submission	Submitted	7/24/2018 10:46:27		GMX-RR-2018-0000324	Recall Report	RR	Chevrolet	VOLT			DGMXV01.4011	2013
1004	BMW	BMX	Correction	Submitted	7/25/2018 19:37:55		BMX-RR-2018-0000074	Recall Report	RR					DBMXV04.4563	2013
1005	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	8/6/2018 17:59:14		NSX-RR-2018-0000305	Recall Report	RR	NISSAN	SENTRA	1.8		HNXV01.8M1A	2017
1006	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:07:47		GMX-RR-2018-0000403	Recall Report	RR					DGMXV01.4001	2013
1007	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXT01.5090	2018
1008	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXV01.5020	2018
1009	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXT02.5201	2018
1010	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXV01.5002	2018
1011	General Motors LLC	GMX	New Submission	Submitted	8/13/2018 9:14:50		GMX-RR-2018-0000395	Recall Report	RR					JGMXT02.5200	2018
1012	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BEETLE CONVERTIBLE			EVWXV02.0B5F	2014
1013	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BEETLE			EVWXV02.0B5F	2014
1014	Volkswagen	VWX	New Submission	Submitted	8/14/2018 11:33:02		VWX-RR-2018-0000412	Recall Report	RR	Volkswagen	BEETLE CONVERTIBLE			DVWXV02.0B5F	2013

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1000	Emission certification labels that were replaced on a small amount of vehicles may have been replaced with a label listing incorrect information. The affected emission labels were not affected at the factory, they are replacement service parts. This will cause the vehicle to be non-compliant with emissions regulations.
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1003	<p>General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2013 model-year Chevrolet Volt vehicles that received a Hybrid Powertrain Control Module 2 software update in a service procedure performed by a dealer. An error in the software update may prevent the batteries in these vehicles from balancing the voltage among individual battery cells, which under certain circumstances can result in a low-voltage condition in one or more battery cells. If the voltage in a given battery cell falls below a certain level, the vehicle may enter a reduced power mode and notify the driver that propulsion power is reduced. If the vehicle continues to be driven after the vehicle enters reduced power mode, the vehicle may lose propulsion.</p> <p>Due to weak material, the filter inside of the injector can tear which leads to contamination of the fuel injector with metal shavings resulting in leakage. The leakage subsequently triggers fault code entry and MIL illumination.</p>
1004	<p>Some 2012-2017 Nissan Versa, Sentra, Altima and Rogue vehicles are experiencing a hesitation or an engine stop at low speeds in two states with high ambient temperatures and increased elevation. The vehicles are able to be restarted.</p> <p>Nissan has investigated and found that this issue is caused by the ECM miscalculating the amount of purge gas inside the evap canister in locations with these extreme hot weather (>100 deg. F) and low barometric pressure (>1,000 ft. elev.) conditions. When this occurs, excess gas can enter the engine, which may cause the engine to run rich and potentially hesitate/stop.</p> <p>Certain 2017-2018 model year Cadillac XTS vehicles equipped with an 8-speed transmission were service programmed with incorrect transmission control module (TCM) software. Vehicles programmed with this software may, under certain downhill driving conditions, inappropriately remain in a mode of delayed upshifts that cause engine hesitation.</p> <p>The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. The defect is limited to one lot of circuit boards.</p> <p>The Engine Control Module (ECM) in certain vehicles was manufactured with a circuit board that was not properly cleaned during circuit board manufacturing. Contamination on the circuit board may cause failed solder joints or open circuits in the traces of the circuit board. 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The defect is limited to one lot of circuit boards.</p> <p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPFA) 06K906070TV9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. Solutions: (1) Correct the target lambda value for specific blocks within the fuel calibration map. (2) Enable quick start of the second lambda sensor, so the ECM can use its measured value as a secondary input sooner to modify the fuel mixture should it need to. -Suction Tube Model: Event: Under certain conditions, after a startup overshoot, a small rpm fluctuation may occur which may be noticed by customers. Solution: Previous analysis showed a difference in take-off behavior between a break-through start and a normal start. Differences in the reset function timing during ignition-ON, resulted in incorrect values of the initialization variables, incorrect values as reference variables, may pose issues in the initial crank-case vent</p> <p>Warranty Replacement Part Numbers / Version (Model Year/Model/Engine Code): 06K906070AB V9344 (MY13-14 Jetta, CPFA) 06K906070TV9345 (MY13-14 Jetta, CPLA) 06K906070AC V9346 (MY13-14 Beetle/Beetle Convertible, CPFA) 06K906070AA V9347 (MY13-14 Beetle/Beetle Convertible, CPLA) 06K906070F V9360 (MY14 Jetta, CPRA) 06K906070D V9361 (MY14 Jetta, CPKA) 06K906071E V9362 (MY14 Beetle/Beetle Convertible, CPRA) 06K906071D V9363 (MY14 Beetle/Beetle Convertible, CPKA) 06K906070J V9364 (MY14 Passat, CPRA) 06K906070H V9365 (MY14 Passat, CPKA)</p> <p>The conditions below are referenced from the following Field Fix documents: FF_DV2.085F_06_18 FF_DV2.03PA_10_18 FF_EV2.085F_13_18 FF_EV2.03PA_14_18</p> <p>-Lambda Control, Dew Point End Conditioner Pre-Probe, and Quick Start after Catalyst Sensor: Event: NOx emissions above the FTP standard, found on one vehicle during internal testing (& could not be duplicated in other test vehicles), due to an inaccurately adapted second control loop ? a result of inhomogeneous exhaust gas distribution under certain engine load conditions affecting the lambda value expected by the ECM compared to the lambda value measured by the first lambda sensor. 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	Q	R	S
1000	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/15/2018	197
1001	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/15/2018	25
1002	Owners of affected vehicles will be sent a notification and a replacement label for this campaign so they can replace the label. If customers are not comfortable replacing the labels, they may contact an authorized dealer to have the label replaced free of charge.	8/15/2018	241
1003	General Motors will conduct a Safety Recall to program the Hybrid Control Module 2 with software that will properly balance battery cell charge.	7/3/2018	1081
1004	<p>The corrective measure consists of replacing the fuel injectors with an improved version if the original fails during this extended warranty period. To prevent leakages, fuel injectors with a more robust filter material have been used in production starting with 02/15. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.</p>	2/7/2018	4558
1005	Nissan will conduct a Voluntary Service Campaign to reprogram the Engine Control Module with revised evaporative purge logic. This campaign will apply to vehicles in Arizona and Nevada, where they may experience the hot weather and low barometric pressure conditions in which this issue may potentially occur.	8/6/2018	271
1006	General Motors will conduct a Voluntary Emissions Recall to program the TCM with the correct software.	8/9/2018	2106
1007	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	200
1008	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	1
1009	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	8
1010	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	142
1011	General Motors will conduct a voluntary emissions recall on all affected vehicles to replace the engine control module.	8/8/2018	22
1012	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p>	8/30/2018	46017
1013	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p>	8/30/2018	46017
1014	<p>Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer notification (24DR) to update ECM Software on the involved vehicles.</p> <p>All authorized Volkswagen dealers will be notified of this Emissions Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.</p>	8/30/2018	2181

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1015	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle			GVGAV02.0VPO	2016
1016	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	8/14/2018 12:58:38		VGA-RR-2018-0000413	Recall Report	RR	Volkswagen	Beetle			FVGAV02.0VB0	2015
1017	FCA US LLC	CRX	New Submission	Submitted	9/7/2018 12:24:21		CRX-RR-2018-0000569	Recall Report	RR	Jeep	Renegade 4x4			JCRXJ01.45P0	2018
1018	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	9/14/2018 18:16:51		HNX-RR-2018-0000582	Recall Report	RR	Acura	NSX			HHNXV03.5KH4	2017
1019	Mercedes-Benz	MBX	New Submission	Submitted	9/25/2018 10:41:02		MBX-RR-2018-0000600	Recall Report	RR					HMBXV04.0UZA	2017
1020	Volkswagen	VWX	New Submission	Submitted	9/13/2018 10:15:46		VWX-RR-2018-0000576	Recall Report	RR	Volkswagen	TOUAREG			EVWXT03.6U76	2014
1021	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT02.45P3	2018
1022	FCA US LLC	CRX	New Submission	Submitted	10/15/2018 7:38:33		CRX-RR-2018-0000629	Recall Report	RR					JCRXT03.65P5	2018
1023	FCA US LLC	CRX	New Submission	Submitted	10/19/2018 8:06:25		CRX-RR-2018-0000586	Recall Report	RR	Jeep	Cherokee 4x4			KCRXT02.05P0	2019
1024	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	SAT	5HNXV02.4ECV	2005
1025	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA				CHNXV02.4CB3	2012
1026	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	CIVIC HYBRID	1.3L	5MT, CVT	4HNXV01.35A6	2004
1027	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 2DR COUPE	2.4L	5AT	8HNXV02.4EMC	2008
1028	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	2.4L	5AT, 5MT	7HNXV02.4XKC	2007
1029	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	3.0L	5AT, 6MT	5HNXV03.07B9	2005
1030	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					DHNXV01.5YD2	2013
1031	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	CIVIC HX	1.6L	5MT	1HNXV01.6JF1	2000
1032	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD 4DR SEDAN			9HNXV02.4TC1	2009
1033	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					DHNXV02.4F83	2013
1034	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					BHNXV02.4RC3	2011
1035	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR	HONDA	ACCORD	3.0L	4AT	XHNXV03.0FF1	1999
1036	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					DHNXV02.4D83	2013
1037	American Honda Motor Co., Inc.	HNX	Correction	Submitted	10/3/2018 17:59:32		HNX-RR-2018-0000279	Recall Report	RR					DHNXV03.5GB4	2013

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1038	Audi	ADX	New Submission	Submitted	10/23/2018 16:31:25		ADX-RR-2018-0000646	Recall Report	RR	Volkswagen	TOUAREG			DADXT03.02UG	2013
1039	Audi	ADX	New Submission	Submitted	10/23/2018 16:31:25		ADX-RR-2018-0000646	Recall Report	RR	Volkswagen	TOUAREG			EADXT03.02UG	2014
1040	FCA US LLC	CRX	New Submission	Submitted	11/26/2018 12:14:29		CRX-RR-2018-0000734	Recall Report	RR					HCRXT03.65P0	2017
1041	American Honda Motor Co., Inc.	HNX	New Submission	Superseded	12/19/2018 18:20:17	3/28/2019 12:55:53	HNX-RR-2018-0000795	Recall Report	RR	Honda	CR-V AWD			JHNXT01.51R3	2018
1042	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					GMBXV02.0U2C	2016
1043	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					FMBXV02.0U2D	2015
1044	Mercedes Benz	MBX	New Submission	Superseded	2/15/2019 4:35:10	4/5/2019 1:37:45	MBX-RR-2019-0000149	Recall Report	RR					HMBXV03.0U2A	2017
1045	Maserati North America, Inc.	MAX	New Submission	Submitted	2/18/2019 16:18:50		MAX-RR-2019-0000153	Recall Report	RR	MASERATI	GRANTURISMO CONVERTIBLE			EMAXV04.7LEV	2014
1046	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/20/2019 9:09:02		VGA-RR-2019-0000444	Recall Report	RR	Audi	A6 quattro			GVGAJ03.0NU4	2016
1047	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	6/20/2019 9:09:02		VGA-RR-2019-0000444	Recall Report	RR	Audi	Q5			PVGAJ03.0NU4	2015
1048	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	TLX AWD			HHNVV03.5MA3	2017
1049	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Honda	ACCORD			JHNXV03.57H3	2017
1050	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	2/22/2019 13:38:29		HNX-RR-2019-0000167	Recall Report	RR	Acura	MDX FWD			JHNXV03.5RH3	2018
1051	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	8/8/2019 20:08:22		HNX-RR-2019-0000610	Recall Report	RR	Honda	CR-V AWD			KHNXT01.5Y53	2019

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1052	Kia Motors Corporation	KMX	New Submission	Superseded	9/19/2019 16:36:26	9/23/2019 11:28:22	KMX-RR-2019-0000717	Recall Report	RR	HYUNDAI	Elantra			GKMXV02.0DFF	2016
1053	Audi	ADX	New Submission	Submitted	8/12/2019 15:19:38		ADX-RR-2019-0000632	Recall Report	RR	Audi	A6 quattro			EADXV03.04UG	2014
1054	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	812 Superfast			KFEXV06.5GDI	2019
1055	Ferrari North America, Inc.	FEX	New Submission	Submitted	3/18/2019 14:19:24		FEX-RR-2019-0000132	Recall Report	RR	Ferrari	812 Superfast			JFEXV06.5GDI	2018
1056	Toyota Motor Corporation	TYX	New Submission	Submitted	3/21/2019 10:50:10		TYX-RR-2019-0000220	Recall Report	RR	LEXUS	RX 350 L AWD			JTYXV03.5MSM	2018
1057	Hyundai Motor Company	HYX	Correction	Submitted	8/19/2019 15:06:38		HYX-RR-2019-0000648	Recall Report	RR	GENESIS	G80 AWD			JHYXV03.31Y6	2018
1058	FCA US LLC	CRX	New Submission	Submitted	8/29/2019 9:32:02		CRX-RR-2019-0000655	Recall Report	RR					DCRXV03.6VPS	2013
1059	FCA US LLC	CRX	New Submission	Submitted	4/4/2019 12:15:02		CRX-RR-2019-0000255	Recall Report	RR					KCRXV06.45P0	2019
1060	FCA US LLC	CRX	New Submission	Submitted	4/4/2019 12:15:02		CRX-RR-2019-0000255	Recall Report	RR					KCRXV05.75P3	2019
1061	Subaru Corporation	FXJ	New Submission	Submitted	1/29/2019 23:17:44		FXJ-RR-2018-0000809	Recall Report	RR	Subaru	IMPREZA WAGON/OUTBACK SPORT AWD			CFXJX02.5NVD	2012
1062	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					FCRXV06.25P3	2015
1063	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					FCRXV03.65PB	2015

	P
	Some 2014-2016 model year KIA Forte and Elantras may exhibit an issue with NMOG control that could lead to an exceedance of the emissions standards under certain specific conditions such as the catalyst heating control is not activated when engine is started at cold condition.
1052	To correct this problem, Kia will reprogram the ECU data.
	Complaint: No known customer complaint Component: EGR Cooler Possible DTCs Present: No DTCs present Analysis: Due to a parts catalog error, an incorrect EGR Cooler and Valve Assembly may have been installed on some vehicles during a past service repair visit. Audi will inspect, and if needed replace the component as a proactive measure to ensure continued emissions compliance.
	Incorrect Part Number: EGR Cooler (059 131 515 F) Correct Part Number: EGR Cooler (059 131 515 FP)
1053	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
1054	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
1055	The vehicles involved are equipped with a Fuel Vapor Separator which, due to a manufacturing fault caused by the supplier, may cause the fuel to evaporate and the vehicle to ignite.
1056	The Engine Control Module (ECM)s in the subject vehicles are equipped with software to monitor the rear O2 sensors. Under a specific condition, this software may not detect a malfunctioning sensor due to an error in the software.
	Some 2018 model year Hyundai G80, G90, Sonata and Santa Fe Sport vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selecting the printing plate. Hyundai will replace the misprinted filler caps with the right ones.
1057	
1058	Some 2013 PF 2.0L, 2013 DS 3.6L & 5.7L vehicles may have permanent Fault Codes (PFC) that can be stored in a GPEC or NGC4a engine controller and may not be able to be erased, as required under certain conditions, even after the vehicle is repaired.
	Some 2019 MY Dodge Challenger (7LA??) and Charger (7LD??) and Chrysler 300 (7LX??) vehicles may have been built with an instrument cluster that has an inadvertently disabled watchdog, which may allow a lockup condition to occur. Lockups have been confirmed to happen during sleep, wake, and ignition cycles, but the potential exists during any event that would have caused a reset. With the watchdog disabled the cluster will remain inoperable until a full power reset is performed. Loss of the instrument cluster may prevent activation of the malfunction indicator lamp (7MIL??), warning chimes, messages, cluster gauges such as the speedometer and may increase the risk of a crash.
1059	
	Some 2019 MY Dodge Challenger (7LA??) and Charger (7LD??) and Chrysler 300 (7LX??) vehicles may have been built with an instrument cluster that has an inadvertently disabled watchdog, which may allow a lockup condition to occur. Lockups have been confirmed to happen during sleep, wake, and ignition cycles, but the potential exists during any event that would have caused a reset. With the watchdog disabled the cluster will remain inoperable until a full power reset is performed. Loss of the instrument cluster may prevent activation of the malfunction indicator lamp (7MIL??), warning chimes, messages, cluster gauges such as the speedometer and may increase the risk of a crash.
1060	
1061	The valve springs located inside the engine of the affected vehicles may fracture, which may cause an abnormal noise or engine malfunction.
	Some 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year may have vapor carbon canisters that lead to exceedances of Onboard Refueling Vapor Recovery stand
1062	
	Some 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year may have vapor carbon canisters that lead to exceedances of Onboard Refueling Vapor Recovery stand
1063	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1064	FCA US LLC	CRX	New Submission	Submitted	7/24/2019 10:40:14		CRX-RR-2019-0000546	Recall Report	RR					GCRXV03.65P8	2016
1065	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 5Dr			HHNXV01.5XH2	2017
1066	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	1/31/2019 17:30:34		HNX-RR-2019-0000069	Recall Report	RR	Honda	CIVIC 2Dr			HHNXV01.5XH2	2017
1067	Audi	ADX	New Submission	Submitted	2/28/2019 7:50:39		ADX-RR-2019-0000179	Recall Report	RR	Audi	S8			DADXV04.03UJ	2013
1068	Audi	ADX	New Submission	Submitted	2/28/2019 7:50:39		ADX-RR-2019-0000179	Recall Report	RR	Audi	ABL			DADXV04.03UJ	2013
1069	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			ASKXV2.395F1	2010
1070	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI			DSKXV2.395F1	2013
1071	Suzuki Motor Corporation	SKX	New Submission	Superseded	6/12/2019 12:17:13	6/27/2019 12:42:08	SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI AWD			CSKXV2.395F1	2012

	P
1064	Some 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year may have vapor carbon canisters that lead to exceedances of Onboard Refueling Vapor Recovery stand
1065	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.
1066	In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172.
1067	<p>Software that was designed and certified for a certain model year has been built in the below listed model years without disclosure or having incorrect transmission software calibrations that were intended for the European market and were installed on some US vehicles.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-OBD Phase in - OBD Phase in requirements in MY14 might not be met-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Production TCU Software Replacement TCU Software Test Group 4H1927158BK_10014H1927158BK_1005DADKV04.03UJ 4H1927158BL_10014H1927158BL_1005DADKV04.03UJ 02E300016C_379902E300016C_4012EADKV02.03UA</p>
1068	<p>Software that was designed and certified for a certain model year has been built in the below listed model years without disclosure or having incorrect transmission software calibrations that were intended for the European market and were installed on some US vehicles.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-OBD Phase in - OBD Phase in requirements in MY14 might not be met-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Production TCU Software Replacement TCU Software Test Group 4H1927158BK_10014H1927158BK_1005DADKV04.03UJ 4H1927158BL_10014H1927158BL_1005DADKV04.03UJ 02E300016C_379902E300016C_4012EADKV02.03UA</p>
1069	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>
1070	
1071	<p>When driving on very dusty roads, a large amount of dust can enter the vent line that provides fresh air to the carbon canister, causing a restriction in the vent line. If this occurs, air flow through the evaporative system may be impacted such that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks.</p>

	Q	R	S
	<p>FCAUS will conduct a Voluntary Emissions Recall (UB4) on all affected 2014 - 2016 MY Chrysler 300 and Dodge Charger and 2015 - 2016 MY Dodge Challenger vehicles equipped with a gasoline engine built in the 2nd half of the 2014 calendar year through the 1st half of the 2015 calendar year, to install a new vapor canister.</p> <p>FCA's current plan is to launch this recall in three phases as shown below by vehicle family.</p> <p>Model Year and VehicleTargeted Launch Phase 1: 2014-2016 MY Chrysler 300 - July 23, 2019 (Actual) Phase 2: 2014-2016 MY Dodge Charge - October 2019 Phase 3: 2015-2016 Dodge Challenger - December 2019</p>		
1064		7/23/2019	1
1065	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	24366
1066	Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, when applicable, A/C control unit software with the latest version. Reset the throttle learned values and do the ECU idle learn procedure.	3/7/2019	24366
1067	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
1068	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	2
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
1069	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6807
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
1070	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	1805
	<p>Suzuki will conduct a voluntary emissions recall campaign to perform the following actions:</p> <p>(1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet.</p> <p>(2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation.</p> <p>(3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa.</p> <p>(4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.</p>		
1071	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6331

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1072	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 15:07:03	3/27/2019 15:10:43	HNX-RR-2018-0000799	Recall Report	RR	Honda	CR-V FWD			JHNXT01.51R3	2018
1073	Audi	ADX	New Submission	Submitted	2/28/2019 9:48:51		ADX-RR-2019-0000180	Recall Report	RR	Volkswagen	TIGUAN			CADXJ02.03UA	2012
1074	Audi	ADX	New Submission	Submitted	2/28/2019 9:48:51		ADX-RR-2019-0000180	Recall Report	RR	Volkswagen	CC			CADXJ02.03UA	2012
1075	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			JHNXV01.5TH2	2018
1076	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			GHXNV01.56K2	2016
1077	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr			JHNXV01.5362	2018

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1072	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300054M_260702E300054M_2609TCMCADXXV02.03UA</p> <p>02E300057Q_310702E300057Q_3118TCMCADXXV02.03UA</p> <p>02E300057Q_3119096927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03UA</p> <p>02E300058N_350102E300058N_3505TCMCADXXV02.03UA</p> <p>02E300058N_351002E300058N_3509TCMCADXXV02.03UA</p> <p>09G927750HC_111109G927750LR_2062TCMCADXXV02.03UA</p> <p>09G927750MH_223909G927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03PA</p> <p>02E300057R_311402E300058N_3509TCMDADXXV02.03UA</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300058P_351502E300058P_3509TCMDADXXV02.03UA</p> <p>02E300058P_351002E300058P_3509TCMDADXXV02.03PA</p> <p>1K0907115AF_00101K0907115AT_0020ECMEADXXV02.03PA</p> <p>02E300058P_350902E300058P_3510TCMEADXXV02.03PA</p>
1073	<p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300054M_260702E300054M_2609TCMCADXXV02.03UA</p> <p>02E300057Q_310702E300057Q_3118TCMCADXXV02.03UA</p> <p>02E300057Q_3119096927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03UA</p> <p>02E300058N_350102E300058N_3505TCMCADXXV02.03UA</p> <p>02E300058N_351002E300058N_3509TCMCADXXV02.03UA</p> <p>09G927750HC_111109G927750LR_2062TCMCADXXV02.03UA</p> <p>09G927750MH_223909G927750LR_2062TCMCADXXV02.03UA</p> <p>02E300057R_311402E300057R_3107TCMCADXXV02.03PA</p> <p>02E300057R_311402E300058N_3509TCMDADXXV02.03UA</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>02E300058P_351502E300058P_3509TCMDADXXV02.03UA</p> <p>02E300058P_351002E300058P_3509TCMDADXXV02.03PA</p> <p>1K0907115AF_00101K0907115AT_0020ECMEADXXV02.03PA</p> <p>02E300058P_350902E300058P_3510TCMEADXXV02.03PA</p>
1074	
1075	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
1076	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>
1077	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>

	Q	R	S
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-010-01 (HNX-RR-2018-0000795) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	312816
1073	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	63
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	77175
1075	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	63
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	55249
1076	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	63
	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may results in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>	4/11/2019	61710
1077	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	63

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1078	American Honda Motor Co., Inc.	HNX	Correction	Superseded	3/27/2019 17:05:55	6/17/2019 13:25:51	HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 2Dr			JHNXV01.5VH3	2018
1079	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Jetta			GVGAV02.0VB0	2016
1080	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Beetle Convertible			FVGAV02.0VPD	2015
1081	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Beetle Convertible			FVGAV02.0VB0	2015
1082	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	2/28/2019 10:17:34		VGA-RR-2019-0000183	Recall Report	RR	Volkswagen	Passat			FVGAV03.6VUG	2015
1083	FCA US LLC	CRX	New Submission	Submitted	3/4/2019 8:35:16		CRX-RR-2019-0000188	Recall Report	RR					FCRXJ02.4SPD	2015
1084	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC SDr	1.5L		JHNXV01.5TH2	2018

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1078	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_26277TCMPVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPVGAJ03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p>
1079	<p>06J906027HE_680506J906027HE_8226ECMPVGAJ02.0VUE</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_26277TCMPVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPVGAJ03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p>
1080	<p>06J906027HE_680506J906027HE_8226ECMPVGAJ02.0VUE</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_26277TCMPVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPVGAJ03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p>
1081	<p>06J906027HE_680506J906027HE_8226ECMPVGAJ02.0VUE</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_26277TCMPVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPVGAJ03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p>
1082	<p>06J906027HE_680506J906027HE_8226ECMPVGAJ02.0VUE</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>Mode A:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>09G927750PE_263009G927750NK_26277TCMPVGAJ02.0VUE</p> <p>02E300062P_400202E300062P_4006TCMPVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMPVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMPVGAJ03.6VUG</p> <p>0CG300045J_64030CG300045J_6404TCMGVGAJ01.4VPA</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VBD</p> <p>02E300063P_490402E300063P_4907TCMGVGAJ02.0VPD</p> <p>02E300062C_400202E300062C_4017TCMGVGAJ02.0VPE</p> <p>02E300062K_400202E300062K_4003TCMGVGAJ03.6VUG</p> <p>02E300062K_400202E300062K_4003TCMHVGAJ03.6VUG</p> <p>OBD Phase in:</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>03H906023BM_617903H906023BM_6875ECMPVGAJ03.6VUG</p> <p>No Info, CO2 Impact, Pre-Series</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p>
1083	<p>Some 2011-2016 model year 2.0L/2.4L World Gas Engine (7WGE??) test groups containing the Dodge Journey (7JC?), Chrysler 200/Dodge Avenger (7J5?), Dodge Caliber (7PM?) and Jeep® Compass/Patriot (7MK) vehicles with front-wheel drive, may exceed emissions standards due to loss of catalyst efficiency due to the combinat</p>
1084	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p>

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	<p>To ensure confidence in our product to customer in all states, Honda is extending the powertrain warranty on the camshafts, rocker arm assemblies, and spark plugs for 6 years with unlimited mileage from the original sale date.</p> <p>Apart of the Warranty Extension terms is the inclusion for any customers located outside of the 21 states involved in PUDR-18-011-00 (HNX-RR-2019-0000069) that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-010-01 previously launched in 21 affected cold weather states.</p> <p>Those repairs are listed below:</p> <p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Reset the maintenance minder, change the engine oil, and reflash the ECU and TCU, if applicable, software with the latest version and replace the A/C unit ECU, if necessary. Reset the throttle learned values and do the ECU idle learn procedure.</p>		
1078		4/11/2019	18981
1079	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	7
1080	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	19
1081	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	3
1082	The latest approved software calibration will be applied to affected vehicles.	3/28/2019	582
1083	FCA US will conduct a Voluntary Emissions Recall (U67) on all affected 2011-2016 MY 2.0L/2.4L WGE vehicles, to install new sulfur resistant catalyst and reprogram the powertrain control module software on affected vehicles which will bring them back into (or maintain) exhaust emissions compliance.	2/25/2019	95487
	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>Apart of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 (EPA HNX-RR-2019-0000073) previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	77175

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1085	American Honda Motor Co., Inc.	HNX	Correction	Submitted	6/17/2019 13:25:51		HNX-RR-2019-0000073	Recall Report	RR	Honda	CIVIC 4Dr	1.5L		HNXKV01.56H3	2017
1086	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	JETTA SPORTWAGEN			DVWXV02.5A59	2013
1087	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			DVWXV03.6U41	2013
1088	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Jetta			DVWXV02.03UA	2013
1089	Volkswagen	VWX	New Submission	Submitted	2/28/2019 10:46:22		VWX-RR-2019-0000185	Recall Report	RR	Volkswagen	Passat			CVWXV02.5259	2012
1090	Subaru Corporation	FIX	New Submission	Submitted	7/1/2019 9:29:09		FIX-RR-2019-0000445	Recall Report	RR	Subaru	OUTBACK			JFIXJ02.5HRV	2018
1091	FCA US LLC	CRX	New Submission	Submitted	7/9/2019 9:58:43		CRX-RR-2019-0000504	Recall Report	RR	FIAT	500X			HCRXV02.45P1	2017
1092	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR	KIA	Sorento AWD			KKMXV03.3UJ5	2019

	P				
1085	<p>In extreme cold weather, customers who drive short drive cycles may experience abnormal levels of engine oil dilution. In some cases, abnormal engine oil level may result in DTC(s): P0300, P0301, P0302, P0303, P0304, or P0172 or abnormal engine whirling noise.</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. It's possible that CO2 values may differ between the model years.-Pre-series software installed - Vehicles with pre-series software in the field. <p>(Mode A Concerns)</p> <p>Production SoftwareReplacement SoftwareECM or TCMTest Group</p> <p>OCB927750_18190C8927750CG_2665TCMCVWXT03.6U76</p> <p>OCB927750AL_19770C8927750CG_2665TCMCVWXT03.6U76</p> <p>O2E300054L_260402E300054M_2604TCMCVWVX02.03PA</p> <p>O2E300054M_260702E300054M_2609TCMCVWVX02.03PA</p> <p>O2E300058N_351002E300058N_3509TCMCVWVX02.03PA</p> <p>O2E300057Q_310102E300057Q_3108TCMCVWVX02.03SA</p> <p>O9G927750PH_260209G927750LH_2251TCMCVWVX02.5259</p> <p>O2E300057G_271102E300057G_2701TCMCVWVX03.6U41</p> <p>O2E300058B_310402E300057G_2701TCMCVWVX03.6U41</p> <p>O2E300053A_210602E300058N_3522TCMDVWVX02.03UA</p> <p>O2E300057Q_312202E300058N_3522TCMDVWVX02.03UA</p> <p>O2E300057R_311402E300058N_3509TCMDVWVX02.03UA</p> <p>O2E300058N_350402E300058N_3522TCMDVWVX02.03UA</p> <p>O2E300058N_351002E300058N_3509TCMDVWVX02.03UA</p> <p>O2E300058N_352002E300058N_3525TCMDVWVX02.03UA</p> <p>OCG300045D_47010CG300045F_5307TCMDVWVX01.4PHE</p> <p>1086 OCG300045E_43050CG300045F_5307TCMDVWVX01.4PHE</p> <p>Analysis determined software calibrations within this report have one of the following concerns:</p> <ul style="list-style-type: none">-OBD Phase in - OBD Phase in requirements in MY14 might not be met-Mode A deactivated - TCM Software Calibrations were released to the field with Mode A concerns.-Under some conditions, affected vehicles with the transmission software calibrations OCG300045E_4305) may experience elevated FTP NOx emissions.-No Information Available - Unique software on a low number of vehicles that are not possible to analyze.-Possible CO2 Impact - Software designed and certified for a model year but that was then applied to a different model year without a field fix. 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Having the incorrect front exhaust pi</p> <tr><td>1091</td><td><p>Some 2015 - 2017 MY Jeep, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p><p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.</p></td></tr> <tr><td>1092</td><td><p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate.</p><p>Kia will replace the misprinted filler caps with the right ones.</p></td></tr>	1091	<p>Some 2015 - 2017 MY Jeep, Renegade, RAM ProMaster City and Fiat 500X vehicles may experience engine cooling fan noise, engine cooling fan module failure and/or a MIL P0481 Cooling Fan 2. Failure of the engine cooling fan motor can cause the engine to overheat and possible engine damage/failure due to overheating.</p> <p>Root cause was determined to be excessive friction and loads between motor bushing and shaft due to inadequate lubrication content in the bushing, out of specification cylindricity and sub-standard radial strength, leading to bushing wear which leads the engine cooling fan to fail.</p>	1092	<p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. 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1092	<p>Some of 2018 model year Kia Stinger, Cadenza and Some of 2019 model year Kia Sedona, Sorento, Optima vehicles have the misprinted mark of engine oil filler caps. Original viscosity is 5W-30, but 0W-30 mark was printed. The supplier made a mistake in selection of printing plate.</p> <p>Kia will replace the misprinted filler caps with the right ones.</p>				

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	<p>To ensure customer confidence in our product, Honda is extending the powertrain warranty from the original 5 years/60,000 miles to 6 years with unlimited mileage from the original sale date. This warranty extension applies to any engine components, such as camshafts, rocker arm assemblies, or spark plugs, requiring repair due to damage.</p> <p>Apart of the Warranty Extension terms includes any customer that exhibits the symptoms to be eligible for the repairs specified in Honda's Product Update PUDR-18-011-01 [EPA HX-RR-2019-0000073] previously launched in 21 affected cold weather states. Those repairs are listed below:</p> <p>No action is required unless, during the applicable warranty period, the customer's vehicle starts to experience any of the concerns listed above. Based on the inspection results, the necessary repairs may include software updates to the ECU and TCM, A/C control unit replacement, changing the engine oil, replacement of the camshafts, rocker arm assemblies, or spark plugs, or other associated repairs, which will be performed for free.</p> <p>If customers previously paid for eligible out of pocket repairs, they may be entitled to reimbursement. The reimbursement process will be addressed in a separate future mailing to the customer.</p>	6/29/2019	13250
	1086 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	10
	1087 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
	1088 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	196
	1089 The latest approved software calibration will be applied to affected vehicles.	3/28/2019	1
	1090 For all affected vehicles the front exhaust pipe will be replaced with the correct part.	6/3/2019	1
	1091 FCA US will conduct a Customer Satisfaction Notification (V54) on affected vehicles to replace the engine cooling fan module.	7/3/2019	3090
	1092 Kia will replace the oil filler caps through a dealer service campaign free of charge.	9/2/2019	714

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1093	Kia Motors Corporation	KMX	New Submission	Submitted	8/19/2019 11:01:11		KMX-RR-2019-0000646	Recall Report	RR	KIA	Sedona			KXMXTO3.3KJ5	2019
1094	Mercedes Benz	MBX	Correction	Submitted	4/5/2019 1:37:45		MBX-RR-2019-0000149	Recall Report	RR					HMBXV02.0U2A	2017
1095	Toyota Motor Corporation	TYX	Correction	Submitted	3/28/2019 14:52:20		TYX-RR-2019-0000198	Recall Report	RR	TOYOTA	CAMRY HYBRID XLE/SE			KTYXV02.5P33	2019
1096	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:04:40		CRX-RR-2019-0000025	Recall Report	RR					JCRXV03.65PA	2018
1097	FCA US LLC	CRX	New Submission	Submitted	1/29/2019 9:14:12		CRX-RR-2019-0000026	Recall Report	RR					JCRXV03.65P5	2018
1098	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S			DSKXV2.395F1	2013
1099	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI			CSKXV2.395F1	2012
1100	Suzuki Motor Corporation	SKX	Correction	Submitted	6/27/2019 12:42:08		SKX-RR-2019-0000349	Recall Report	RR	Suzuki	KIZASHI S AWD			CSKXV2.395F1	2012
1101	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	11/5/2019 7:06:20		VGA-RR-2019-0000914	Recall Report	RR	Audi	A4 quattro			JVGAJ02.0A4C	2018

	Q	R	S
1093	Kia will replace the oil filler caps through a dealer service campaign free of charge.	9/2/2019	3
1094	Daimler AG will extend the emissions warranty of the engine control unit software for fault codes related to the outside temperature sensor for the affected vehicles to 120,000 miles / 10 years. The introduction of a software modification for the engine control unit ensures that this issue can no longer occur from June 2017 onwards.	3/13/2019	3
1095	Any authorized Toyota dealer will inspect the fuel filler pipe to confirm if it is properly installed and, IF NECESSARY, replace the fuel filler pipe FREE OF CHARGE.	3/22/2019	140
1096	FCA US is conducting an emissions-related voluntary safety recall (U60) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	6/21/2018	1240
1097	FCA US is conducting an emissions-related voluntary safety recall (U62) on affected vehicles that, in addition to correcting the safety issue, reprograms the powertrain control module with new software that corrects the CSERS diagnostic calibration.	6/20/2018	64155
	Suzuki will conduct a voluntary emissions recall campaign to perform the following actions: (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.		
1098	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	1805
	Suzuki will conduct a voluntary emissions recall campaign to perform the following actions: (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.		
1099	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6331
	Suzuki will conduct a voluntary emissions recall campaign to perform the following actions: (1) Install a cover that closes the opening between the left rear wheel housing and the fender lining, where the suction pipe inlet is located, to reduce the inflow of sand or other extraneous material in the vicinity of the suction pipe inlet. (2) Relocate the suction filter close to the suction pipe inlet, with the suction pipe inlet facing downward so that trapped sand and other extraneous material can fall out under its own weight during normal vehicle operation. (3) Replace the fuel cap with a cap that has a pressure relief opening pressure setting requiring less negative pressure to open, so that the fuel tank will not deform under negative pressure even if worst-case clogging of the vent line occurs. The revised fuel cap will vent under negative pressure conditions of -3.2 ~ -7.1kPa. (4) Replace the fuel tank with a fuel tank that has increased rigidity so that the fuel tank will not deform under negative pressure up to the opening pressure of the fuel cap pressure relief valve.		
1100	(5) Replace the evaporative emissions canister and leak detection module if the existing suction filter exceeds a specified weight value, indicating that the suction filter contains excessive dust contaminants.	8/9/2019	6331
	Production: Vehicles out of Production Service: Updated ECM software will be released with Emission Service Action 23A1.		
1101		12/4/2019	12233

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1102	Kia Motors Corporation	KMX	Correction	Submitted	9/23/2019 11:28:21		KMX-RR-2019-0000717	Recall Report	RR	KIA	Forte 5			EKMXX02.0EFP	2014
1103	Mercedes Benz	MBX	New Submission	Submitted	11/12/2019 10:31:44		MBX-RR-2019-0000938	Recall Report	RR					FMBXX05.SU2A	2015
1104	BMW	BMX	New Submission	Submitted	10/28/2019 8:45:55		BMX-RR-2019-0000469	Recall Report	RR					GBMXX03.0N57	2016
1105	BMW	BMX	New Submission	Submitted	10/28/2019 8:45:55		BMX-RR-2019-0000469	Recall Report	RR					GBMXX03.0N57	2016
1106	BMW	BMX	New Submission	Submitted	10/28/2019 8:58:13		BMX-RR-2019-0000470	Recall Report	RR					GBMXX01.5M36	2016
1107	Audi	ADX	New Submission	Submitted	10/28/2019 13:49:00		ADX-RR-2019-0000895	Recall Report	RR	Audi	Q7			EADXT03.03UG	2014
1108	Audi	ADX	New Submission	Submitted	10/25/2019 7:54:24		ADX-RR-2019-0000653	Recall Report	RR	Volkswagen	TOUAREG			DADXT03.02UG	2013
1109	General Motors LLC	GMX	New Submission	Submitted	10/10/2019 9:30:39		GMX-RR-2019-0000745	Recall Report	RR					HGMXX01.4050	2017

	Q	R	S
	KIA modified EMS data so that catalyst heating is entered (to ensure the catalyst reaches the activation temperature) regardless of the number of restarts and any interrupt. 1102 KIA will reprogram the ECU through a voluntary service campaign.	8/8/2019	2348
	1103 Daimler AG will extend the emissions warranty of faults related to a stuck open thermostat for the affected vehicles to 120,000 miles / 10 years. The introduction of a coolant hose with non-return valve ensures that this issue can no longer occur from May 2016 onwards. 1104 Since January 2017 (N47x) and March 2017 (N57x), standard production installs high pressure pumps with increased robustness. 1105 Since January 2017 (N47x) and March 2017 (N57x), standard production installs high pressure pumps with increased robustness. 1106 To eliminate this problem, Dow-Corning sealant will be used on the thermostat pins to prevent corrosion.	11/30/2019 4/25/2019 4/25/2019 3/27/2019	10801 1209 1696 16499
	1107 The necessary software changes are described in detail in the Notice of AEM Correction, OBD Remedial Plan, and Other Improvements submission, dated October 25, 2019.	11/25/2019	4884
	Production: Vehicles out of Production 1108 Service: Parts catalog has been updated to reflect the correct part number. VWGoA will proactively release Emissions Service Action (2617) with Customer Notification to repair the affected vehicles 1109 General Motors will conduct a voluntary emissions recall on all affected vehicles to program the engine control module with corrected software.	11/25/2019 9/20/2019	18 14476

A		B	C	D	E	F	G	H	I	J	K	L	M	N	O
MFR Name		MFR Code	Process Code	EPA Submission Status	Report Time	Last Modified Timestamp	EPA Compliance Report ID	Compliance Report Type	EPA Compliance Report Name	QR Related Recall/ Remedial ID	QR Calendar Quarter	QR Calendar Year	QR Number	QR Number Involved in Recall	Number Inspected
1	Audi	ADX	New Submission	Submitted	5/4/2018 13:21:01		ADX-QR-2018-000096	Quarterly Report	ADX-QR-2018-000096	QR-2018 Q1	Quarter 1 (January 1st - March 31st)	2018	11088	0	
3	Volkswagen	VWX	Correction	Submitted	8/14/2018 11:22:13		VWX-QR-2018-000030	Quarterly Report	VWX-QR-2018-000030	QR-2018 Q2	Quarter 2 (April 1st - June 30th)	2018	4th	325657	0
4	General Motors LLC	GMX	New Submission	Submitted	11/11/2018 8:16:54		GMX-QR-2018-0000701	Quarterly Report	GMX-QR-2018-0000701	QR-2018 Q3	Quarter 3 (July 1st - September 30th)	2018	2nd	895	728
5	FAUUS LLC	CRX	Correction	Superseded	2/14/2019 8:27:57	5/7/2019 13:59:46	CRX-QR-2019-0000120	Quarterly Report	CRX-QR-2019-0000120	QR-2018 Q4	Quarter 4 (October 1st - December 31st)	2018	1st	10022	7303
6	General Motors LLC	GMX	New Submission	Submitted	5/6/2019 7:25:40		GMX-QR-2019-0000133	Quarterly Report	GMX-QR-2019-0000133	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	4th	9382	833
7	FAUUS LLC	CRX	Correction	Superseded	5/7/2019 12:57:38	8/5/2019 10:42:27	CRX-QR-2019-0000098	Quarterly Report	CRX-QR-2019-0000098	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	1st	252360	216323
8	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	7/25/2019 9:56:59		VGA-QR-2019-0000567	Quarterly Report	VGA-QR-2019-0000567	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	3rd	235056	732
9	American Honda Motor Co., Inc.	HNX	Correction	Submitted	5/9/2019 12:38:20		HNX-QR-2019-0000340	Quarterly Report	HNX-QR-2019-0000340	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	1st	1099	918
10	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	5/9/2019 12:35:15		HNX-QR-2019-0000379	Quarterly Report	HNX-QR-2019-0000379	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	1st	8040	31086
11	FAUUS LLC	CRX	Correction	Superseded	8/5/2019 10:08:32	11/5/2019 11:53:17	CRX-QR-2019-0000097	Quarterly Report	CRX-QR-2019-0000097	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	3rd	70075	61913
12	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	8/5/2019 13:21:07	11/4/2019 13:12:52	NSX-QR-2019-0000601	Quarterly Report	NSX-QR-2019-0000601	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	1st	23899	21937
13	FAUUS LLC	CRX	Correction	Superseded	8/5/2019 14:14:54	11/7/2019 8:54:21	CRX-QR-2019-0000118	Quarterly Report	CRX-QR-2019-0000118	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	3rd	12766	8278
14	FAUUS LLC	CRX	Correction	Superseded	8/5/2019 14:53:37	11/5/2019 15:21:06	CRX-QR-2019-0000133	Quarterly Report	CRX-QR-2019-0000133	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	3rd	3437	31086
15	Audi	ADX	New Submission	Submitted	5/1/2019 10:23:09		ADX-QR-2019-0000302	Quarterly Report	ADX-QR-2019-0000302	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	3rd	19111	0
16	Volkswagen	VWX	New Submission	Submitted	5/1/2019 11:12:26		VWX-QR-2019-0000307	Quarterly Report	VWX-QR-2019-0000307	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	2nd	6604	0
17	FAUUS LLC	CRX	Correction	Superseded	2/12/2019 13:56:50	2/13/2019 15:26:32	CRX-QR-2019-0000100	Quarterly Report	CRX-QR-2019-0000100	QR-2018 Q4	Quarter 4 (October 1st - December 31st)	2018	1st	16993	11852
18	FAUUS LLC	CRX	Correction	Superseded	2/12/2019 14:25:54	5/7/2019 12:57:38	CRX-QR-2019-0000098	Quarterly Report	CRX-QR-2019-0000098	QR-2018 Q4	Quarter 4 (October 1st - December 31st)	2018	1st	252360	201162
19	FAUUS LLC	CRX	Correction	Superseded	2/12/2019 14:31:17	5/7/2019 10:58:28	CRX-QR-2019-0000097	Quarterly Report	CRX-QR-2019-0000097	QR-2018 Q4	Quarter 4 (October 1st - December 31st)	2018	1st	70075	55526
20	Ford Motor Company	FMX	Correction	Superseded	7/30/2019 15:38:44	10/31/2019 14:02:10	FMX-QR-2019-0000337	Quarterly Report	FMX-QR-2019-0000337	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	2nd	144	95
21	Ford Motor Company	FMX	Correction	Superseded	7/30/2019 15:48:34	7/30/2019 15:50:35	FMX-QR-2019-0000087	Quarterly Report	FMX-QR-2019-0000087	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	2nd	5645	4853
22	Ford Motor Company	FMX	New Submission	Submitted	7/30/2019 15:58:07	10/31/2019 13:44:15	FMX-QR-2019-0000090	Quarterly Report	FMX-QR-2019-0000090	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	1st	10565	8150
23	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	8/2/2019 12:44:59		HNX-QR-2019-0000588	Quarterly Report	HNX-QR-2019-0000588	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	2nd	2575	243
24	FAUUS LLC	CRX	New Submission	Submitted	8/9/2019 14:52:22		CRX-QR-2019-0000624	Quarterly Report	CRX-QR-2019-0000624	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	1st	75540	23851
25	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/1/2019 11:36:11		VGA-QR-2019-0000311	Quarterly Report	VGA-QR-2019-0000311	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	3rd	48917	16993
26	FAUUS LLC	CRX	Correction	Submitted	11/5/2019 12:47:17		CRX-QR-2019-0000096	Quarterly Report	CRX-QR-2019-0000096	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	4th	16994	575102
27	FAUUS LLC	CRX	Correction	Submitted	11/5/2019 14:37:36		CRX-QR-2019-0000343	Quarterly Report	CRX-QR-2019-0000343	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	3rd	14785	13497
28	FAUUS LLC	CRX	Correction	Submitted	11/5/2019 14:50:36		CRX-QR-2019-0000101	Quarterly Report	CRX-QR-2019-0000101	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	5th	25200	23215
29	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/7/2019 14:59:33		HNX-QR-2019-0000934	Quarterly Report	HNX-QR-2019-0000934	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	1st	10603	90538
30	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 9:14:27		VGA-QR-2019-0000060	Quarterly Report	VGA-QR-2019-0000060	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	4th	9384	833
31	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 9:53:57		VGA-QR-2019-0000828	Quarterly Report	VGA-QR-2019-0000828	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	4th	390654	12274
32	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 11:27:14		VGA-QR-2019-0000833	Quarterly Report	VGA-QR-2019-0000833	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	1st	12104	0
33	Ford Motor Company	FMX	Correction	Submitted	10/31/2019 14:02:10		FMX-QR-2019-0000337	Quarterly Report	FMX-QR-2019-0000337	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	3rd	144	103
34	FAUUS LLC	CRX	Correction	Submitted	11/5/2019 15:55:10		CRX-QR-2019-0000133	Quarterly Report	CRX-QR-2019-0000133	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	3rd	7454	5132
35	BMW	BMX	Correction	Submitted	10/28/2019 8:39:18		BMX-QR-2019-0000862	Quarterly Report	BMX-QR-2019-0000862	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	1st	850	1
36	FAUUS LLC	CRX	New Submission	Submitted	11/2/2018 8:31:03		CRX-QR-2018-0000663	Quarterly Report	CRX-QR-2018-0000663	QR-2018 Q3	Quarter 3 (July 1st - September 30th)	2018	2nd	48989	30658
37	General Motors LLC	GMX	New Submission	Submitted	11/11/2018 8:42:51		GMX-QR-2018-0000704	Quarterly Report	GMX-QR-2018-0000704	QR-2018 Q3	Quarter 3 (July 1st - September 30th)	2018	1st	3233	2645
38	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 7:58:53		VGA-QR-2019-0000604	Quarterly Report	VGA-QR-2019-0000604	QR-2018 Q4	Quarter 4 (October 1st - December 31st)	2018	1st	75540	23851
39	Audi	ADX	New Submission	Submitted	10/23/2018 15:58:39		ADX-QR-2018-0000644	Quarterly Report	ADX-QR-2018-0000644	QR-2018 Q3	Quarter 3 (July 1st - September 30th)	2018	4th	11088	0
40	Ford Motor Company	FMX	Correction	Superseded	2/5/2019 14:24:00	5/7/2019 17:58:35	FMX-QR-2019-0000087	Quarterly Report	FMX-QR-2019-0000087	QR-2018 Q4	Quarter 4 (October 1st - December 31st)	2018	1st	5645	4201
41	General Motors LLC	GMX	New Submission	Submitted	2/14/2019 9:39:23		GMX-QR-2019-0000140	Quarterly Report	GMX-QR-2019-0000140	QR-2018 Q4	Quarter 4 (October 1st - December 31st)	2018	2nd	1657	1403
42	General Motors LLC	GMX	New Submission	Submitted	5/6/2019 15:44:42		GMX-QR-2019-0000153	Quarterly Report	GMX-QR-2019-0000153	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	4th	16994	575102
43	FAUUS LLC	CRX	Correction	Submitted	5/7/2019 10:01:23		CRX-QR-2019-0000095	Quarterly Report	CRX-QR-2019-0000095	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	3rd	48989	37851
44	General Motors LLC	GMX	New Submission	Submitted	9/2/2019 10:42:10		GMX-QR-2019-0000676	Quarterly Report	GMX-QR-2019-0000676	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	4th	4606	3680
45	FAUUS LLC	CRX	Correction	Superseded	5/7/2019 13:53:27	8/5/2019 14:14:54	CRX-QR-2019-0000118	Quarterly Report	CRX-QR-2019-0000118	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	2nd	12766	7199
46	Nissan Motor Co., Ltd.	NSX	New Submission	Submitted	10/29/2019 13:07:11	11/4/2019 13:03:03	NSX-QR-2019-0000098	Quarterly Report	NSX-QR-2019-0000098	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	3rd	10990	0
47	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	8/5/2019 13:10:51	11/4/2019 13:07:11	NSX-QR-2019-0000599	Quarterly Report	NSX-QR-2019-0000599	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	3rd	167956	79638
48	Nissan Motor Co., Ltd.	NSX	New Submission	Superseded	8/5/2019 13:17:05	11/4/2019 13:10:36	NSX-QR-2019-0000600	Quarterly Report	NSX-QR-2019-0000600	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	2nd	34752	21774
49	FAUUS LLC	CRX	Correction	Superseded	8/5/2019 13:52:57	11/5/2019 14:54:02	CRX-QR-2019-0000102	Quarterly Report	CRX-QR-2019-0000102	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	3rd	16819	13022
50	Volkswagen	VWX	New Submission	Submitted	1/25/2019 7:38:38		VWX-QR-2019-0000413	Quarterly Report	VWX-QR-2019-0000413	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	3rd	2184	325
51	FAUUS LLC	CRX	Correction	Superseded	8/7/2019 9:50:39	11/5/2019 14:24:20	CRX-QR-2019-0000100	Quarterly Report	CRX-QR-2019-0000100	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	4th	16993	13831
52	Ford Motor Company	FMX	Correction	Superseded	7/30/2019 15:50:35	10/31/2019 14:09:09	FMX-QR-2019-0000087	Quarterly Report	FMX-QR-2019-0000087	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	3rd	5645	4853
53	FAUUS LLC	CRX	New Submission	Submitted	8/9/2019 14:09:33	11/5/2019 15:32:36	CRX-QR-2019-0000623	Quarterly Report	CRX-QR-2019-0000623	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	2nd	48567	47874
54	FAUUS LLC	CRX	New Submission	Submitted	11/6/2019 17:06:11	2/12/2019 14:37:40	CRX-QR-2019-0000623	Quarterly Report	CRX-QR-2019-0000623	QR-2019 Q2	Quarter 2 (April 1st - June 30th)	2019	2nd	48567	47874
55	FAUUS LLC	CRX	New Submission	Submitted	11/6/2019 12:13:36		CRX-QR-2019-0000917	Quarterly Report	CRX-QR-2019-0000917	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	1st	192771	61633
56	Volkswagen	VWX	New Submission	Submitted	10/24/2019 9:32:49		VWX-QR-2019-0000822	Quarterly Report	VWX-QR-2019-0000822	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	4th	164711	387
57	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 9:44:20		VGA-QR-2019-0000823	Quarterly Report	VGA-QR-2019-0000823	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	5th	4669	0
58	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/23/2019 8:00:32		VGA-QR-2019-0000175	Quarterly Report	VGA-QR-2019-0000175	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	4th	164711	387
59	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	11/4/2019 13:03:36		NSX-QR-2019-0000598	Quarterly Report	NSX-QR-2019-0000598	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	4th	15455	11648
60	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	11/4/2019 13:07:11		NSX-QR-2019-0000599	Quarterly Report	NSX-QR-2019-0000599	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	4th	167956	85033
61	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	11/4/2019 13:12:52		NSX-QR-2019-0000601	Quarterly Report	NSX-QR-2019-0000601	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	2nd	23899	22284
62	Nissan Motor Co., Ltd.	NSX	Correction	Submitted	11/4/2019 13:19:31		NSX-QR-2019-0000602	Quarterly Report	NSX-QR-2019-0000602	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	3rd	10990	0
63	BMW	BMX	New Submission	Submitted	10/28/2019 9:22:51		BMX-QR-2019-0000867	Quarterly Report	BMX-QR-2019-0000867	QR-2019 Q3	Quarter 3 (July 1st - September 30th)	2019	5th	26101	889
64	BMW	BMX	New Submission	Submitted	10/28/2019 10:21:56		BMX-QR-2019-0000872	Quarterly Report	BMX-QR-2019-0000872	QR-2019 Q1	Quarter 1 (January 1st - March 31st)	2019	1st	6747	0
65	BMW	BMX	New Submission	Submitted	10/28/2019 10:27:47		BMX-QR-2019-0000873	Quarterly Report	BMX-QR-2019-0000873						

	P	Q	R	S	T	U	V
1	Number Needing Repair	Number Repaired	Num Ineligible-Improper Maint	Num Ineligible-Exportation	Num Ineligible-Theft	Num Ineligible-Scrapped	Num Ineligible-Other
2	1912	1912	0	0	0	0	164
3	51419	51419	0	0	0	0	0
4	728	728	0	0	0	1	1
5	7303	7303	0	4	0	40	0
6	833	833	0	0	0	1	0
7	207973	207973	0	377	7	720	1863
8	151895	152627	0	84	2	1	1433
9	917	917	0	2	0	5	15
10	111	111	0	0	0	0	0
11	60689	60689	0	37	1	83	350
12	21737	21737	0	0	0	0	0
13	8278	8278	0	26	2	81	254
14	26479	26479	0	0	1	215	174
15	8848	8848	0	0	0	0	0
16	2619	2619	0	0	0	0	96
17	11696	11696	0	20	5	104	188
18	194008	194008	0	413	7	653	2389
19	54399	54399	0	13	0	58	565
20	95	95	0	0	0	0	0
21	4853	4853	0	0	0	0	1
22	10565	9150	0	0	0	0	1
23	243	243	0	21	0	296	4
24	23089	23089	0	38	11	274	0
25	34801	34801	0	0	0	4	92
26	548998	548998	0	10011	955	26551	23021
27	174	174	0	15	0	35	63
28	17897	17897	0	5	1	118	147
29	90533	90533	0	42	0	248	204
30	32278	32278	0	0	0	0	0
31	263757	265031	0	0	2	145	2899
32	2278	2278	0	0	0	0	0
33	103	103	0	0	0	0	0
34	49510	49510	0	97	6	418	1068
35	1	1	0	0	0	0	0
36	579	579	0	28	2	153	0
37	1645	1645	0	0	0	0	58
38	9216	9216	0	0	0	0	0
39	4390	4390	0	0	0	3	138
40	4201	4201	0	0	0	0	1
41	1403	1403	0	0	0	0	8
42	2193	2193	0	0	0	0	0
43	1193	1193	0	43	4	238	766
44	3680	3680	0	0	0	3	16
45	7199	7199	0	21	1	82	304
46	10990	10990	0	0	0	0	0
47	79638	79638	0	0	0	0	0
48	21774	21774	0	0	0	0	0
49	13022	13022	0	7	0	38	366
50	78561	78561	0	78	1	1	2389
51	13650	13650	0	36	6	112	113
52	4853	4853	0	0	0	0	1
53	47874	47874	0	1261	938	39236	15846
54	426566	426566	0	9892	919	23778	31665
55	56726	56726	0	0	45	6531	0
56	85102	85489	0	1	1	77	2186
57	4178	4178	0	0	0	0	3
58	48	48	0	0	0	0	0
59	11648	11648	0	0	0	0	0
60	85033	85033	0	0	0	0	0
61	22284	22284	0	0	0	0	0
62	309	309	0	0	0	0	0
63	889	889	0	0	0	0	0
64	0	0	0	0	0	0	0
65	1	1	0	0	0	0	0
66	317	317	0	0	0	0	0
67	24	24	0	0	0	0	0
68	731	731	0	0	0	0	0
69	6640	6640	0	0	0	0	0
70	70	70	0	0	0	0	0
71	277	277	0	0	0	0	2
72	39347	39347	0	0	0	0	0
73	346	346	0	0	0	0	1
74	2867	2867	0	0	0	0	35
75	171	4054	0	0	0	0	0
76	58731	58731	0	8	0	84	454
77	4654	4654	0	0	0	0	1
78	138	138	0	7	0	40	98
79	3273	3273	0	0	0	0	83
80	475	475	0	0	0	0	1
81	18449	18449	0	0	0	0	0
82	521684	521684	0	10064	961	24759	26002
83	927390	927390	0	8054	328	12251	21338
84	9468	9468	0	13	0	41	14
85	11696	11696	0	20	5	104	188
86	383	383	0	0	0	0	3
87	1983	1983	0	0	0	0	0
88	14546	14546	0	0	1	69	0
89	303	303	0	4	0	40	0
90	39755	39755	0	103	10	335	1355
91	58956	58956	0	0	0	0	0
92	11696	11696	0	20	5	104	188
93	10959	10959	0	4	0	19	221
94	349787	349787	0	337	1	3088	601
95	966	1184	0	0	0	0	0
96	1	1	0	0	0	0	0
97	8	8	0	0	0	0	0
98	328	328	0	0	0	0	0
99	993	993	0	3	0	7	23
100	1065	783	0	0	0	0	1
101	4201	4201	0	0	0	0	0
102	815	815	0	0	0	0	0
103	446	446	0	0	0	0	0
104	16476	16476	0	0	1	100	252
105	11551	11551	0	2	0	31	458
106	23984	23984	0	0	2	213	318
107	10109	10109	0	0	0	0	0
108	917	917	0	2	0	5	15
109	172	172	0	15	0	35	72
110	161	3750	0	0	0	0	0
111	426566	426566	0	9892	919	23778	31665
112	19435	19435	0	0	3	160	0
113	4978	4978	0	0	0	3	129
114	187278	287278	0	192	3	837	2770
115	9015	9015	0	0	0	3	12
116	3996	3996	0	0	0	0	3
117	920	920	0	48	4	196	949
118	6962	6962	0	0	0	9	23
119	86	86	0	2	1	8	22
120	9534	9534	0	316	213	5297	0
121	8992	8992	0	26	2	102	214
122	12305	12305	0	0	4	42	46
123	41564	41564	0	0	0	5	45
124	4213	3618	0	0	0	0	1
125	449	449	0	0	0	0	0
126	3868	3868	0	0	0	2	13
127	1031	1031	0	0	0	0	0
128	214	214	0	0	0	1	0
129	51419	51419	0	0	0	0	0
130	850	850	0	0	0	1	0
131	1551	1551	0	0	0	0	2
132	8742	8742	0	5	0	45	0
133	0	0	0	0	0	0	0
134	13050	13050	0	0	0	0	0
135	7726	8031	0	0	0	0	0
136	71669	71669	0	0	0	0	0
137	8612	8612	0	1	1	15	0
138	768485	768485	0	8087	342	11623	33430
139	5507	5507	0	23	1	55	0
140	9	9	0	0	0	0	0
141	37	37	0	2	1	8	0
142	768485	768485	0	8087	342	11623	33430
143	203842	203842	0	190	2	815	2024
144	3771	3771	0	0	0	0	68
145	10565	8761	0	0	0	0	1
146	23593	23593	0	0	0	0	0
147	9741	9741	0	12	0	41	11
148	7	7	0	0	0	0	0
149	509	509	0	0	0	0	0
150	685	685	0	0	0	0	0
151	522	522	0	0	0	0	0
152	1	1	0	0	0	0	0
153	1756	1756	0	0	0	1	22
154	3433	3433	0	0	0	3	155
155	3042	3042	0	0	0	0	2
156	2330	2330	0	16	3	27	0
157	386	386	0	0	0	0	1
158	1735	0	0	0	0	0	0
159	14546	14546	0	0	1	69	0
160	3299	3299	0	0	0	0	28
161	12828	12828	0	18	5	125	159
162	15869	16379	0	0	0	0	0
163	215370	215370	0	455	5	658	1289
164	17461	17461	0	5	1	106	180
165	20154	20154	0	0	0	0	0
166	3761	3761	0	0	0	0	7
167	165534	38129	0	477	53	4058	0
168	787	787	0	2	8	2	22
169	11649	11649	0	1066	558	25352	16782
170	8804	8804	0	0	0	0	0
171	194008	194008	0	413	7	653	2389
172	8612	8612	0	1	1	15	0
173	62043	62043	0	34	2	100	276
174	12083	12083	0	379	182	5525	0
175	590	590	0	7	0	2	21
176	3561	3561	0	0	0	4	11
177	17	0	0	0	0	0	0
178	0	0	0	0	0	0	0
179	27612	27612	0	0	1	222	109
180	1	1	0	0	0	0	0
181	332	332	0	0	0	0	0
182	16	16	0	0	0	0	0
183	146	146	0	0	0	0	0
184	1	1	0	0	0	0	0
185	340	340	0	0	0	0	0
186	30	30	0	0	0	0	0
187	2351	2351	0	0	0	0	0
188	859	859	0	0	0	1	0
189	123	123	0	0	0	0	0
190	993	993	0	1	0	7	23
191	1155	1155	0	0	0	0	0
192	243	243	0	35	2	81	0
193	51419	51419	0	0	0	0	0
194	8031	8031	0	0	0	43	0
195	2128	2128	0	0	0	0	12
196	1365	1365	0	0	0	0	0
197	69494	69494	0	0	0	0	0
198	165534	81122	0	477	53	4058	0
199	1495	1495	0	0	0	0	3
200	11814	11814	0	0	0	0	0
201							

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
203	Ford Motor Company	FMX	New Submission	Superseded	5/7/2019 18:14:34	7/30/2019 15:38:44	FMX-QR-2019-0000337	Quarterly Report	QR - 2019 Q1	FMX-RR-2019-0000091	Quarter 1 (January 1st - March 31st)	2019 1st	144	77	
204	Audi	ADX	New Submission	Submitted	5/12/2019 10:17:10		ADX-QR-2019-0000301	Quarterly Report	QR - 2019 Q1	ADX-RR-2018-0000085	Quarter 1 (January 1st - March 31st)	2019 6th	11088	0	
205	FCAUS LLC	CRX	Correction	Superseded	2/12/2019 14:45:28	5/7/2019 10:01:23	CRX-QR-2019-0000095	Quarterly Report	QR - 2018 Q4	CRX-RR-2018-0000163	Quarter 4 (October 1st - December 31st)	2018 2nd	48989	35180	
206	FCAUS LLC	CRX	Correction	Superseded	2/13/2019 9:26:32	5/7/2019 13:21:09	CRX-QR-2019-0000100	Quarterly Report	QR - 2018 Q4	CRX-RR-2018-0000261	Quarter 4 (October 1st - December 31st)	2018 2nd	16993	11852	
207	Audi	ADX	New Submission	Submitted	1/29/2019 10:49:28		ADX-QR-2019-0000033	Quarterly Report	QR - 2018 Q4	ADX-RR-2018-0000646	Quarter 4 (October 1st - December 31st)	2018 2nd	19121	0	
208	Maserati North America, Inc.	NMX	New Submission	Submitted	7/30/2019 15:42:00		NMX-QR-2019-0000019	Quarterly Report	QR - 2019 Q2	NMX-RR-2019-0000153	Quarter 2 (April 1st - June 30th)	2019 2nd	14937	4964	
209	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	7/25/2019 9:51:37		VGA-QR-2019-0000566	Quarterly Report	QR - 2019 Q2	VGA-RR-2018-0000304	Quarter 2 (April 1st - June 30th)	2019 4th	48917	0	
210	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	8/2/2019 12:31:06		HNX-QR-2019-0000587	Quarterly Report	QR - 2019 Q2	HNX-RR-2018-0000103	Quarter 2 (April 1st - June 30th)	2019 2nd	1099	966	
211	FCAUS LLC	CRX	Correction	Superseded	8/6/2019 7:37:17	11/5/2019 16:00:06	CRX-QR-2019-0000354	Quarterly Report	QR - 2019 Q2	CRX-RR-2019-0000146	Quarter 2 (April 1st - June 30th)	2019 2nd	52	33	
212	FCAUS LLC	CRX	New Submission	Submitted	8/9/2019 15:14:21		CRX-QR-2019-0000626	Quarterly Report	QR - 2019 Q2	CRX-RR-2019-0000295	Quarter 2 (April 1st - June 30th)	2019 1st	21093	5326	
213	FCAUS LLC	CRX	New Submission	Superseded	5/17/2019 10:00:30	8/6/2019 7:37:17	CRX-QR-2019-0000354	Quarterly Report	QR - 2019 Q1	CRX-RR-2019-0000146	Quarter 1 (January 1st - March 31st)	2019 1st	52	16	
214	FCAUS LLC	CRX	Correction	Submitted	11/5/2019 12:25:44		CRX-QR-2019-0000591	Quarterly Report	QR - 2019 Q3	CRX-RR-2018-0000163	Quarter 3 (July 1st - September 30th)	2019 5th	48990	40373	
215	FCAUS LLC	CRX	Correction	Submitted	11/5/2019 14:24:20		CRX-QR-2019-0000100	Quarterly Report	QR - 2019 Q3	CRX-RR-2018-0000261	Quarter 3 (July 1st - September 30th)	2019 5th	17324	14476	
216	FCAUS LLC	CRX	Correction	Submitted	11/5/2019 14:54:02		CRX-QR-2019-0000102	Quarterly Report	QR - 2019 Q3	CRX-RR-2018-0000586	Quarter 3 (July 1st - September 30th)	2019 4th	16819	13749	
217	FCAUS LLC	CRX	New Submission	Submitted	11/6/2019 9:04:27		CRX-QR-2019-0000604	Quarterly Report	QR - 2019 Q3	CRX-RR-2019-0000295	Quarter 3 (July 1st - September 30th)	2019 2nd	21104	9325	
218	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/7/2019 13:56:18		HNX-QR-2019-0000927	Quarterly Report	QR - 2019 Q3	HNX-RR-2018-0000279	Quarter 3 (July 1st - September 30th)	2019 3rd	2575	311	
219	American Honda Motor Co., Inc.	HNX	New Submission	Submitted	11/7/2019 14:05:52		HNX-QR-2019-0000929	Quarterly Report	QR - 2019 Q3	HNX-RR-2019-0000584	Quarter 3 (July 1st - September 30th)	2019 2nd	966	828	
220	Volkswagen	VWX	New Submission	Submitted	10/24/2019 9:38:47		VWX-QR-2019-0000824	Quarterly Report	QR - 2019 Q3	VWX-RR-2018-0000728	Quarter 3 (July 1st - September 30th)	2019 4th	84213	893	
221	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 11:17:50		VGA-QR-2019-0000831	Quarterly Report	QR - 2019 Q3	VGA-RR-2019-0000278	Quarter 3 (July 1st - September 30th)	2019 2nd	31	17	
222	Ford Motor Company	FMX	Correction	Submitted	10/31/2019 14:09:09		FMX-QR-2019-0000087	Quarterly Report	QR - 2019 Q3	FMX-RR-2018-0000607	Quarter 3 (July 1st - September 30th)	2019 4th	5645	4985	
223	FCAUS LLC	CRX	Correction	Submitted	11/5/2019 15:32:36		CRX-QR-2019-0000623	Quarterly Report	QR - 2019 Q3	CRX-RR-2019-0000188	Quarter 3 (July 1st - September 30th)	2019 3rd	62219	90540	
224	FCAUS LLC	CRX	Correction	Submitted	11/5/2019 16:00:06		CRX-QR-2019-0000354	Quarterly Report	QR - 2019 Q3	CRX-RR-2019-0000146	Quarter 3 (July 1st - September 30th)	2019 3rd	52	36	
225	BMW	BMX	New Submission	Submitted	10/28/2019 10:57:59		BMX-QR-2019-0000880	Quarterly Report	QR - 2019 Q1	BMX-RR-2018-0000127	Quarter 1 (January 1st - March 31st)	2019 3rd	9228	1	
226	Audi	ADX	New Submission	Submitted	10/24/2019 14:19:25		ADX-QR-2019-0000836	Quarterly Report	QR - 2019 Q3	ADX-RR-2019-0000304	Quarter 3 (July 1st - September 30th)	2019 3rd	4708	4034	
227	General Motors LLC	GMX	New Submission	Submitted	10/24/2019 20:46:35		GMX-QR-2019-0000844	Quarterly Report	QR - 2019 Q2	GMX-RR-2018-0000403	Quarter 2 (April 1st - June 30th)	2019 5th	1657	1584	
228	Volkswagen	VWX	New Submission	Submitted	5/4/2018 13:26:50		VWX-QR-2018-0000097	Quarterly Report	QR - 2018 Q1	VWX-RR-2018-0000087	Quarter 1 (January 1st - March 31st)	2018 3rd	91439	0	
229	FCAUS LLC	CRX	New Submission	Superseded	11/12/2019 9:05:24	8/7/2019 9:45:59	CRX-QR-2018-0000686	Quarterly Report	QR - 2018 Q3	CRX-RR-2018-0000261	Quarter 3 (July 1st - September 30th)	2018 1st	16993	9809	
230	General Motors LLC	GMX	New Submission	Submitted	11/11/2018 8:32:42		GMX-QR-2018-0000702	Quarterly Report	QR - 2018 Q3	GMX-RR-2018-0000403	Quarter 3 (July 1st - September 30th)	2018 1st	1657	905	
231	General Motors LLC	GMX	New Submission	Submitted	11/11/2018 8:39:42		GMX-QR-2018-0000703	Quarterly Report	QR - 2018 Q3	GMX-RR-2018-0000395	Quarter 3 (July 1st - September 30th)	2018 1st	472	288	
232	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2018 7:53:35		VGA-QR-2018-0000654	Quarterly Report	QR - 2018 Q3	VGA-RR-2018-0000295	Quarter 3 (July 1st - September 30th)	2018 1st	13656	0	
233	Volkswagen	VWX	New Submission	Submitted	10/23/2018 16:42:00		VWX-QR-2018-0000647	Quarterly Report	QR - 2018 Q3	VWX-RR-2018-0000087	Quarter 3 (July 1st - September 30th)	2018 5th	91439	0	
234	Volkswagen	VWX	New Submission	Submitted	10/23/2018 16:49:59		VWX-QR-2018-0000649	Quarterly Report	QR - 2018 Q3	VWX-RR-2018-0000060	Quarter 3 (July 1st - September 30th)	2018 1st	91421	0	
235	FCAUS LLC	CRX	Correction	Superseded	2/14/2019 8:31:14	5/7/2019 14:05:00	CRX-QR-2019-0000119	Quarterly Report	QR - 2018 Q4	CRX-RR-2018-0000633	Quarter 4 (October 1st - December 31st)	2018 1st	34342	22780	
236	General Motors LLC	GMX	New Submission	Submitted	2/14/2019 9:43:56		GMX-QR-2019-0000141	Quarterly Report	QR - 2018 Q4	GMX-RR-2018-0000395	Quarter 4 (October 1st - December 31st)	2018 2nd	472	409	
237	General Motors LLC	GMX	New Submission	Submitted	5/6/2019 7:51:29		GMX-QR-2019-0000326	Quarterly Report	QR - 2019 Q1	GMX-RR-2018-0000395	Quarter 1 (January 1st - March 31st)	2019 3rd	472	435	
238	Volkswagen Group of America, Inc.	VGA	Correction	Submitted	8/19/2019 14:41:20		VGA-QR-2019-0000565	Quarterly Report	QR - 2019 Q2	VGA-RR-2018-0000295	Quarter 2 (April 1st - June 30th)	2019 4th	13654	0	
239	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	5/1/2019 11:39:22		VGA-QR-2019-0000312	Quarterly Report	QR - 2019 Q1	VGA-RR-2018-0000413	Quarter 1 (January 1st - March 31st)	2019 2nd	390706	936	
240	Volkswagen	VWX	New Submission	Submitted	5/1/2019 11:02:15		VWX-QR-2019-0000306	Quarterly Report	QR - 2019 Q1	VWX-RR-2018-0000412	Quarter 1 (January 1st - March 31st)	2019 2nd	164742	296	
241	FCAUS LLC	CRX	New Submission	Superseded	8/2/2019 14:43:10	11/5/2019 12:25:44	CRX-QR-2019-0000591	Quarterly Report	QR - 2019 Q2	CRX-RR-2018-0000163	Quarter 2 (April 1st - June 30th)	2019 4th	48989	39360	
242	FCAUS LLC	CRX	New Submission	Superseded	8/9/2019 15:42:07	11/6/2019 9:30:47	CRX-QR-2019-0000627	Quarterly Report	QR - 2019 Q2	CRX-RR-2019-0000255	Quarter 2 (April 1st - June 30th)	2019 1st	7919	6605	
243	FCAUS LLC	CRX	New Submission	Superseded	2/6/2019 17:14:01	2/12/2019 14:31:17	CRX-QR-2019-0000097	Quarterly Report	QR - 2018 Q4	CRX-RR-2018-0000261	Quarter 4 (October 1st - December 31st)	2018 1st	70075	55526	
244	FCAUS LLC	CRX	New Submission	Superseded	2/6/2019 17:47:49	2/12/2019 14:01:31	CRX-QR-2019-0000101	Quarterly Report	QR - 2018 Q4	CRX-RR-2018-0000261	Quarter 4 (October 1st - December 31st)	2018 1st	25193	18302	
245	FCAUS LLC	CRX	Correction	Submitted	11/5/2019 14:00:04		CRX-QR-2019-0000098	Quarterly Report	QR - 2019 Q3	CRX-RR-2019-0000027	Quarter 3 (July 1st - September 30th)	2019 4th	253227	230841	
246	FCAUS LLC	CRX	Correction	Submitted	11/5/2019 14:10:53		CRX-QR-2019-0000099	Quarterly Report	QR - 2019 Q3	CRX-RR-2019-0000028	Quarter 3 (July 1st - September 30th)	2019 4th	1403323	1043363	
247	FCAUS LLC	CRX	New Submission	Submitted	11/6/2019 12:34:20		CRX-QR-2019-0000918	Quarterly Report	QR - 2019 Q3	CRX-RR-2019-0000615	Quarter 3 (July 1st - September 30th)	2019 1st	81615	27824	
248	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 9:47:32		VGA-QR-2019-0000826	Quarterly Report	QR - 2019 Q3	VGA-RR-2018-0000295	Quarter 3 (July 1st - September 30th)	2019 5th	13654	0	
249	Volkswagen Group of America, Inc.	VGA	New Submission	Submitted	10/24/2019 9:57:04		VGA-QR-2019-0000829	Quarterly Report	QR - 2019 Q3	VGA-RR-2018-0000595	Quarter 3 (July 1st - September 30th)	2019 4th	594	0	
250	BMW	BMX	New Submission	Submitted	10/28/2019 9:49:21		BMX-QR-2019-0000869	Quarterly Report	QR - 2019 Q3	BMX-RR-2019-0000868	Quarter 3 (July 1st - September 30th)	2019 1st	2215	16	
251	BMW	BMX	New Submission	Submitted	10/28/2019 10:35:01		BMX-QR-2019-0000875	Quarterly Report	QR - 2019 Q2	BMX-RR-2019-0000470	Quarter 2 (April 1st - June 30th)	2019 1st	16499	146	
252	BMW	BMX	New Submission	Submitted	10/28/2019 11:49:37		BMX-QR-2019-0000889	Quarterly Report	QR - 2019 Q2	BMX-RR-2019-0000465	Quarter 2 (April 1st - June 30th)	2019 2nd	5513	71	
253	BMW	BMX	New Submission	Submitted	10/28/2019 11:50:31		BMX-QR-2019-0000890	Quarterly Report	QR - 2019 Q3	BMX-RR-2019-0000465	Quarter 3 (July 1st - September 30th)	2019 3rd	5513	97	
254	Audi	ADX	New Submission	Submitted	10/24/2019 14:14:49		ADX-QR-2019-0000834	Quarterly Report	QR - 2019 Q3	ADX-RR-2018-0000646	Quarter 3 (July 1st - September 30th)	2019 5th	19109	0	
255	Audi	ADX	New Submission	Submitted	10/24/2019 14:28:09		ADX-QR-2019-0000839	Quarterly Report	QR - 2019 Q3	ADX-RR-2019-0000632	Quarter 3 (July 1st - September 30th)	2019 1st	36	1	

	P	Q	R	S	T	U	V
203	77	77	0	0	0	0	0
204	5496	5496	0	0	0	3	124
205	920	920	0	48	4	196	949
206	11696	11696	0	20	5	104	188
207	4978	4978	0	0	0	0	0
208	4964	4964	0	0	0	0	0
209	38853	38853	0	5	0	0	61
210	965	965	0	21	0	6	14
211	33	33	0	0	0	0	1
212	5326	5326	0	0	11	545	0
213	16	16	0	0	0	0	0
214	1488	1488	0	63	5	277	584
215	14278	14278	0	36	6	123	91
216	13749	13749	0	7	0	45	304
217	9325	9325	0	0	10	616	1052
218	311	311	0	22	0	314	4
219	828	828	0	8	0	2	24
220	28300	28300	0	0	0	0	0
221	17	0	0	0	0	0	0
222	4985	4985	0	0	0	0	0
223	90540	90540	0	1307	1184	50691	15263
224	36	36	0	0	0	0	1
225	1	1	0	0	0	0	0
226	182	4216	0	0	0	0	0
227	1584	1584	0	0	0	0	1
228	15714	15714	0	0	0	0	0
229	9671	9671	0	14	3	69	0
230	905	905	0	0	0	0	0
231	283	283	0	0	0	0	0
232	5630	5630	0	0	0	0	0
233	18065	18065	0	0	0	0	0
234	4624	4624	0	0	0	0	0
235	19435	19435	0	0	3	160	0
236	409	409	0	0	0	0	0
237	435	435	0	0	0	0	0
238	10508	10508	0	3	0	0	9
239	204709	205645	0	1	2	151	3963
240	64755	65041	0	1	1	79	2597
241	1350	1350	0	64	5	246	648
242	6498	6498	0	0	0	4	0
243	54399	54399	0	13	0	58	565
244	14546	14546	0	0	1	69	0
245	220755	220755	0	436	5	686	1008
246	959708	959708	0	8276	325	13151	17868
247	27340	27340	0	172	23	2237	0
248	11289	11289	0	0	0	0	5
249	526	526	0	0	0	0	1
250	16	16	0	0	0	0	0
251	146	146	0	0	0	0	0
252	71	71	0	0	0	0	0
253	97	97	0	0	0	0	0
254	14577	14577	0	0	0	0	0
255	4	5	0	0	0	0	0

	A	B	C	D	E	F	G	H	I	J	K
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